A Remembrance of 9/11 on the 20th Anniversary

By: Mikayla Smith

September 11, 2021 marked the 20 year anniversary of the tragic attack on our Twin Towers in New York City. All over the country, Americans gathered to honor those who were lost on that fateful day.

President Biden and first lady Jill Biden joined a large crowd, including the families of the victims, at the National September 11 Memorial and Museum, which takes the place of where the Twin Towers once stood. They were joined by former Presidents Barack Obama and Bill Clinton as well as numerous national and state leaders. After two moments of silence, at the exact times when the towers were hit, family members read out the names of those killed in the 9/11 attacks.

Meanwhile at the Pentagon, the national anthem played while the American flag was flown on the side of the building which was hit that day. Outside Shanksville, Pennsylvania, a moment of silence was held for the heroic passengers of Flight 93 who fought against the terrorists and prevented the plane from reaching Washington, DC.

Former President George W. Bush gave a speech near the rural town of Shanksville, saying, “Twenty years ago, we all found in different ways, in different places, but all at the same moment, that our lives would be changed forever. The world was loud with carnage and sirens, and then quiet with missing voices that would never be heard again.”

Vice President Kamala Harris also commented on the devastating series of events on 9/11. She said, “So many in our nation, too many in our nation, have deeply felt the passage of time these last 20 years.”
Every country, state, or even city has laws, and some of these laws we can agree or even disagree with. In Texas, the abortion law has been set, and many women who didn’t intend to get pregnant are now facing the truth of being denied an abortion. There are many women who are angry at this, or even some who don’t really care considering they believe in a whole different way of life.

The Texas Abortion Law is banning abortions about six weeks from the patient’s menstrual period. This seems awful, but what is even worse about this whole law is that the person who wants the abortion cannot be sued under this new law. Yet, anyone performing or helping this person who wants an abortion is going to be sued. Basically, anyone such as a doctor, family member, or friends may be sued with helping just a little bit to assist a woman in obtaining an abortion. The whole law has a twist in Texas considering the law wasn’t initially made by the government, but prosecuted by the private citizens.

Here’s a question: Do you think the law makes expectations for pregnancies resulting from rape or even incest? In reality, the law doesn’t make any exceptions towards rape or even incest. The only thing that the law does make exceptions for is health reasons such as if you can’t have a baby considering you have reasonable health issues then they will allow it. Texas isn’t the only state to make a law about abortions. The other states that have done so are Georgia, Mississippi, Kentucky, and Ohio. They have also passed the law for the “heartbeat,” meaning if cardiac activity can be detected within this person, they are not allowed to have abortion.

The Texas Abortion Law is pretty critical, but I understand differing opinions because abortion is “killing.” I just believe that in many cases and in various states, it should be your responsibility and choice to decide if you want to have an abortion. It is so hard to define what is right and what is really wrong.
Robert E. Lee’s Statue Comes Down

By: Skylar Rowe

On Wednesday, September 8th, a small crowd gathered to cheer on the removal of the statue of Robert E. Lee in Richmond, Virginia, a year after the governor announced plans for its removal.

Around that time a year ago, Governor Ralph Northam made the plans for the confederate statue to be removed after George Floyd’s death. Northam had been fighting the battle for the statue to come down ever since, and he finally won the legal battles this past week.

As this symbol of the confederacy was being hoisted off of the ground by a crane, the crowd began singing “hey, hey, hey, goodbye” on repeat. Once it was off the pedestal, the body of Robert E. Lee was sawed off of the horse he was sitting on, and now pieces of the statue are being sent to undisclosed locations.

Some say this is a removal of history, while others argue that we cannot keep living in the past and honoring the actions of those before us. Dimitri Lopuchin, editor from The Reading Eagle, claimed, “Virginia's governor and liberal, leftist government are showing incredible ignorance.” He then goes on by saying Northam erased a veteran and a military hero.

In a statement by Northam, he argued, “This is an important step in showing who we are and what we value as a Commonwealth.” Whether this is seen as defacing history or paving the path for a better future, the statue will still exist in textbooks, the internet, and most likely a museum soon.
The NFL is Back!

By: Gavin Ehlman

Today is the day everyone has waited for, the first day of NFL football! On September 9th, 2021 the Dallas Cowboys played the Tampa Bay Buccaneers at 7p.m.

This season looks like everything is back to normal. Last year was different because there were no fans allowed, but this year with the vaccination rates going up, the NFL commissioner will let fans in the stands. So far, the NFL is 93% vaccinated after the final roster updates. For the first time in history, the NFL will have more than 17 weeks of football. This year they will have 18 weeks which includes a bye week for all teams.

If you think that was a big change, you're wrong. Before this year, players had a certain range of numbers to wear depending on their position. The new rule states that running backs, wide receivers, and tight ends can wear any number 1 to 49 and 80 to 89. Linebackers and defensive backs can wear any number between 1 and 49.

For the second straight year, the Kansas City Chiefs are the favorites to win the Super Bowl. Experts believe the first overall pick in the draft, Trevor Lawrence, will win the Rookie of the Year with a +350 odds. The next closest player to have a good chance at winning the Rookie of the Year is Mac Jones with a +500.

Hopefully this season doesn’t get shut down and runs smoothly, so the fans can have a good time watching football every Sunday, Monday, and Thursday for the next 17 weeks.
The leaves are starting to fall, weather cooling down, schools opening back up, and summer practices ending. College football is back and better than ever. After last year’s football season, all college teams are ready to be back in the stadiums full of fans and student sections. This season, the normality of college football is back in play and already we’ve had some exciting games through week one.

To start off, we had several teams of high rankings taking losses that no one would’ve seen coming. Clemson (6) got taken down by the Georgia Bulldogs (5) in a 10-3 loss after quarterback Dj Uiagelele had a tough game throwing the ball. Also, previously ranked 12 in the country Wisconsin fell short against the Nittany Lions of Penn State in a 16-10 loss. Penn State went into that game only ranked 19 in the nation and bumped up to 11 leaving Wisconsin in the dust.

There were also many teams such as UCLA Bruins, Ole Miss, Auburn, and Virginia Tech who weren’t ranked before week one. These teams came out and showed what they can do against the higher ranked opponents and earned their spot in the top 25. As much as we had that, we had teams like Alabama Roll Tide and The Ohio State making a reason for them being in the top five spot in the college football rankings. So much excitement surrounds this time of year and it has just begun. Only one week in and we’ve already clearly seen why people love to watch college football.

Bishop Sycamore

Did you hear about the football team that got absolutely obliterated 58-0 by IMG academy back in August? A blowout loss in a game on ESPN supposedly against two elite high school football teams has drawn national attention, and questions about the legitimacy of Bishop Sycamore as a football program and an educational institution. After losing on national television, people started to question whether this team was legitimate or not, which they are indeed not.

Information surfaced that Bishop Sycamore wasn't an actual high school and doesn't have an actual curriculum for students. Instead, it is older men between the ages of 18-23 playing high school football. IMG was told by the Bishop Sycamore staff that they were indeed equipped with “a lot of D1 talent and players.” However, that was not the case. Due to the situation Bishop Sycamore is currently in, they will no longer have a 2021-2022 season.
Wilson Football Preview

By: Luke Bratkovics

After an unusual and wild football season last year, the Wilson Warriors are looking to dominate the 2021-2022 football season. Last year, the Warriors had a record of 3-5, while 2-4 in league play. So far through the first three weeks of this season, they are 3-0!

After a disappointing 2020 season, and a great start to the season this year, I got a chance to speak to wide receiver/cornerback Zack Gillen about this year’s team.

When I asked him about his thoughts on the start of the season, he followed by saying, “I’ve never started out a season with a win, let alone three wins. It’s great that we came out hot and won our first three games.”

Another question I asked him was his thoughts on why this team is so special compared to previous years. He responded, “This team is so special because we are all a tight group of guys”. Then he proceeded to explain about how the team is “friends on and off the field” and commented on the team's experience.

The last question I asked Zack about was his personal expectations. When asked, he responded by saying “My expectations for this group are very high, although we are taking it one week at a time, a district championship is our end goal.”

In the end, the Warriors have really good odds to bring championships home with this set of hard working guys.
As the colder months approach, fall sports are in full swing. Though soccer season is just beginning, the WAHS girls and boys soccer teams have been on the fields for quite some time now, preparing themselves for the season ahead. Coming off of a year corrupted by the effects of COVID-19, the teams are excited to get back to a normal season.

The Wilson Girls Soccer team is anticipating an exciting season, led by new coach Roger Stewart, who is also a teacher at WAHS. Coach Stewart is optimistic about the upcoming season, as well as the amount of talent on the team. Though he may be new to this team, Stewart has been coaching for some time, and was even coach of the boys team for quite some time in years past. Starting with a new team is always somewhat daunting, but with his prior experience it seems Coach Stewart is up for the task.

For the Wilson Boys Soccer team, they are led by captains Luke Bratkovics and Wilson Bibiano. These two soccer veterans along with head coach Coach Buskirk, are going to try and lead this team in and through playoffs after losing most of their starting line-up from last year. With teammates like Anderson Louis-Jeune, Benjee Amador, and Ben Gomez, their season is in good hands.

Furthermore, COVID heavily affected most sports last year, but the teams are not allowing this to affect their current play. If anything, the girls and boys are more ready than ever to get back to the fields.
Starting September 7th, Pennsylvania joined New Jersey and Delaware for requiring masks at school since Covid cases started to rise. This unexpected mandate left many with different opinions on this requirement. Students' voices need to be heard.

Caidence Appleby, a senior and varsity soccer player at Wilson Area High School, was asked about her thoughts on whether students should have an option to wear a mask in school. She responded, “I think students should have an option to wear a mask vaccinated or not because they have every right to, and does little to nothing since students are not 6ft from one another either way.” Many students agreed with Caidence, but many others also have other opinions on the school mask mandate.

Benjee Amador, a sophomore and boys varsity soccer player, thinks students should have an option of wearing a mask in school; he states, “Wearing a mask in school is just a precaution for not spreading the virus, and is an easy task with having mask breaks every time you ask for one.”

Everyone in school has either an opinion on supporting, or being against this requirement. Voices on both sides should always be heard as both have their pros and cons.
How Is School Going So Far This Year?

By: Raymond Drepaul

Going into this year both students and teachers didn’t expect school to be easy. There are new block scheduling formats, mask rules, and different quarantine regulations we have to follow. Although we have to follow many rules, we are all still finding ways to make this school year enjoyable.

I am going to be interviewing the Editor-in-Chief of the Newspaper Club, Kylee Burwell. The first question I had asked was, “How has the school year been so far for you?” She stated, “My school year has been going really well so far!” Also, I had asked her, “Has the new school year affected you in any way, and if so how?” She said, “Yes, I am dealing with getting back into the whole school thing, but I have been okay with it.” Lastly, I asked her, “Would you rather have online classes, or have school the way it is right now?” She said, “I like school right now and learning again in person, but I am having trouble with this whole mask mandate thing.”

Another person I am going to be interviewing is English teacher, Ms. Guro. First I asked, “How has her school year been so far.” She said, “I think we are off to a good start. It’s so great to have almost everyone back in the classroom.” Secondly, I asked, “How has the new school year affected you in any way, and if so how?” She stated, “I had to be creative to figure out new strategies for block scheduling.” Lastly, I asked, “With how things are going so far, do you think the school will shut down at any point this year.” She said, “With vaccines available to teenagers and mask mandates in place, school should not close down. She also added, “Closing schools is terrible for students’ education and mental health.”

The last person I will be interviewing is Gavin Ehlman. First I asked, “How has your school year been so far for you? He said, “My school year is going good so far.” Secondly I asked, “Has this new school year affected you in any way so far, and if so how?” He said, “I feel that this school year has affected me in a good way, because I get to see all my friends.” Lastly, I asked him, “Would you rather online school learning or back in school learning, and why?” He said, “I would rather stay in school, because it helps me pay more attention to the teachers.”

As you can see these students and this teacher have different opinions about how the school year is going to be.
On September 12th, 2021, the MTV VMA’s aired all over the world. Since Doja Cat was hosting, many interesting twists happened this year during the show. This year was the 40th birthday of MTV, and many celebrities were very excited about it. From unnecessary stage interruptions to meat dresses, here's what happened at the 2021 VMA’s!

Many of the awards were televised for people to watch, so here are the winners of those awards:
- Video of the Year: Lil Nas X “MONTERO-(Call Me By Your Name)”
- Song of the Year: Olivia Rodrigo - “Driver's License”
- Artist of the Year: Justin Beiber
- Best Pop: Justin Beiber - “Peaches”
- Video for Good: Billie Eilish - “Your Power”
- Best Collaboration: Doja Cat and Sza - “Kiss Me More”
- Best K-Pop: BTS
- Best Alternative: Machine Gun Kelly - “My Ex's Best Friend”
- Best Hip-Hop: Travis Scott - “Franchise”
- Best New Artist: Olivia Rodrigo
- Best Group: BTS
- Best R&B: Bruno Mars, Anderson Paak, Silk Sonic - “Leave the Door Open”
- Best Direction: Lil Nas X “MONTERO-(Call Me By Your Name)”
- Best Cinematography: Beyoncé, Blue Ivy, St Jhn, Wizkid - “BrownSkin Girl”

Besides the awards, there were many performances by artists such as: Olivia Rodrigo, Ed Sheeran, Lil Nas X, Jack Harlow, Camila Cabello, Shawn Mendes, Doja Cat, Chlöe, Normani, Alicia Keys, Machine Gun Kelly, and more!

Overall, the show was filled with various elements of entertainment that anyone would enjoy, but one thing did catch people's eyes. The host, Doja Cat, wore some very interesting outfits for the crowd. In one of them she had a chair on her head, and in another she wore massive chicken feet as shoes. Honestly, if she's comfortable, then who are we to say so!
Far Cry is a popular open world first-person shooter series, known to gamers world-wide. Just recently, a sixth game has been announced by Ubisoft, and is already gaining fast attention.

Far Cry 6 follows Dani Rojas, a guerilla fighter placed in the dystopian island of Yara. Yara is under dictatorship by the lethal Anton Castillo, who wishes to create his paradise by all means necessary, even sacrificing the lives of his own citizens. Dani and a group of other guerillas look to take down Anton, and to restore peace in Yara.

Now, you may be wondering, who exactly are these guerillas? What else is there? Don’t worry, there’s more.

Far Cry 6 introduces Dani Rojas, the main character as well as the player. Viewers can choose whether Dani is male or female, but cannot customize or rename their character. Rojas was once a forced Yaran army recruiter, who had narrowly escaped the regime, and ended up joining a group of rebels; the Libertad. Rojas is reluctant at first, but soon thrives in the group as the newfound leader, fighting through the Yaran regime, and eventually heading to overthrow Anton Castillo.

Diego, Anton’s son, is reluctantly following in his father’s footsteps, with no other intention than to please his father. However, it is unclear whether he will be an antagonist throughout the game.

Clara, presumed leader of the group of rebels, has no other wish than to take down Anton and his regime, and is described as fierce in her description on Ubisoft’s website. This is shown in the demo of the game, where Clara is often snappy with the player, and doesn’t have a bright or fun attitude, especially given the circumstances.

Juan, unlike Clara, is slightly more lighthearted and talkative. He provides the player with supplies and useful information, as well as a brief tutorial. He is a former spymaster, and has had experience with rebellion in events prior.

Not only are there human characters in Far Cry 6, but Dani can also be accompanied by animal companions.

Chorizo, a teensy weiner dog that all players can adore, uses its adorable abilities to distract foes and allow a sneak attack.

Guapo, a fierce alligator, slices and dices through your enemies, clearing a direct path to Anton.

Chicharon, a punk rooster with an attitude, fights for the player. However, Chicharon is not as friendly to the player as Guapo and Chorizo.
Rap artist “Drake” recently released his sixth studio album, “Certified Lover Boy” earlier this month on September 3, 2021. The album contains twenty one songs with a long list of well known features such as Jay-Z, Travis Scott, 21 Savage, Future, Lil Wayne, and many others. On top of features, he credited one song to Paul McCartney and John Lennon because he sampled their song “Michelle.”

On its release date, the album broke Drake’s personal record for his biggest 24-hour debut on Spotify ever. His previous album “Scorpions” held the record of over 132 million listens in the first 24 hours for over three years. His newest album brought in twenty million more than that, bringing in over 153 million plays in just the first 24 hours.

Drake has been a very successful rapper since his first debut album “Thank Me Later” in 2010, and has been climbing the charts ever since. He is now a very successful artist who has his fans on the edges of their seats with every new album drop. On top of creating music, he also creates merchandise that is released with each new album. These articles of clothing always sell very successfully.

This new album is expected to snag the number two spot on Spotify’s plays for the first weeks. Currently held by Kanye West’s new album “Donda,” which sits at 442 million streams in the first week, “Certified Lover Boy” has accumulated over 410 million streams in just the first five days. If it can maintain its current streams per day, it could end up ranking in over 512 million streams for its opening week. While unfortunately not enough to get this album to the number one spot, his 2018 album “Scorpion” has that title already, meaning he will hold the first and second place for most streams opening week.

All in all, “Certified Lover Boy” is a fantastic album with loads of featuring artists and tons of songs for people who enjoy modern rap music. You should definitely listen to this album if you haven’t already.
Ok Orchestra

By: Annabella Alves

On March 26, 2021, AJR released their fourth studio album OK ORCHESTRA. All-in-all, the album is about coping with past issues and feelings of sadness, while giving the songs happy, upbeat sounds. Below, I will give a small explanation of what I think are the most important tracks.

Track 2, *Bummerland: Bummerland* is about the Coronavirus pandemic. It emphasizes that even though it feels like we reached our lowest point, it’s actually a good thing because it can only go up from here.

Track 3, *3 O’Clock Things:* This song is about them wondering if they should write a song about politics and wondering how it will affect their career and their relationships with their friends and their fans. It also touches on the pressures of fitting in and education, target advertising, the US electoral system, and racism.

Track 4, *My Play:* My Play is about their parents getting a divorce. The song is about remembering when their parents were together and wondering if they were really happy or were just pretending for the brothers’ sake. Overall, this gut-wrenching song is about how divorce affects kids.

Track 8, *The Trick:* The “trick” mentioned in this song is only putting the best and most interesting parts of yourself out in order to impress people while hiding the truer parts of yourself that others may not like.

Track 10, *Humpty Dumpty: Humpty Dumpty* is a song about hiding your pain and only letting it out when you are alone and no one else is there to see you break.
The Echo

Anything but Normal - An Analysis of *The Normal Album*

By: Ana Mattis

*The Normal Album* is the most recent album released by musician Will Wood, containing songs with strong themes about the concepts of normality, good, bad, and the human condition. The album challenges you to question preconceived notions you may have about people and the concept of normal.

To start, in the album’s sixth song, ‘Outliars and Hypocrates: a fun fact about apples’ it delves into the idea that ‘Normal’ people can not exist with outliers. Saying that the concept of normal cannot exist without those who are not: “Along with that, a lyric that perfectly encapsulates the theme of the album ‘The things that make you special are the same that make you strange.’

Another song present on the album is ‘Laplace’s Angels (Hurt People? Hurt People!)’ which dives into the concept of good and bad within people. Should people be judged on their actions?

If what causes someone to act harshly is because of harsh treatment they have received themselves, is it truly their fault, or are they just a product of their environment? To quote the song itself, “Whatever you think of me, If you were in my shoes you’d walk the same miles I do.”

*The Normal Album* by Will Wood is an experience best enjoyed firsthand, listen and form your own opinions and interpretations. Treat yourself to anything but a normal album.

Pictures courtesy of Google
After the past year and a half of suffering from the pandemic, moviegoers are once again blessed with the privilege to return to movie theaters! Being a fan of cinema is something that many people share a love for.

Last year, a lot of major films that were set to be released were pushed back due to lockdown. Disney’s MCU franchise took the biggest hit, having to push multiple films back, along with multiple shows set to release on Disney+. After the controversial release of Black Widow this summer, Shang Chi and the Legend of the Ten Rings was released on September 3rd.

This movie is one of the first box office hits since the pandemic began. It absolutely shattered the record for movies released on Labor Day weekend with an opening of $71.4M. This movie holds a lot of value, as it was the first superhero movie headlined by an Asian-American cast.

Marvel isn’t the only company ready to release big time movies, though, as Sony also intends to release its second Venom movie. Tom Hardy is set to reprise his role as Eddie Brock, with Woody Harrelson joining as his co-star.

Other big films set to release include Daniel Craig's final film as James Bond, which is set to release on September 30th of this year. Universal is also set to bring a new slasher movie, as the Halloween Kills is set to release. This movie will be the second of three Michael Myers kill fests to be released, with the third set to release in October of 2022. The fourth installment of The Matrix has also been announced for December 22nd of this year, with Keanu Reeves set to reprise his role as Neo.

Possibly the most anticipated movie of the year, however, is Spider-Man: No Way Home as the third installment of the MCU’s trilogy. Tom Holland is set to once again reprise his role as Peter Parker in this movie; however, he may not be the only actor to play this character. With the introduction of the multiverse, fans expect Tobey Maguire and Andrew Garfield to join Holland on screen as a trio of Spider-Men. This gives many fans goosebumps, as Garfield and Maguire played Parker in their own renditions of the character. Many older fans may remember these movies from their childhood, as Maguire’s movies released in the early 2000’s, and Garfield’s released in the early 2010’s.

With so many different movies set to release, fans can look to buckle up and enjoy the return of cinema!
This has been an enormous year for anime and Japanese movies alike to swoop in and clean out the box office. Every fan was hyped up this year for movies like “Demon Slayer: kimetsu no yaiba: “The Movie mugen train” (2020), “Evangelion: 3.0+1.01 Thrice Upon a Time” (2021), and with their excitement only brewing as the new MHA (My Hero Academia) movie was announced for August 2021. Alongside season five of the show, the movie would show an original story never before seen in the original manga. After about two months of teasing, we got a trailer and a Japanese release date of August 6th, 2021. Opening day the movie made an incredible ¥310 million (about $3 million USD), currently the movie sits at a whopping ¥2.06 billion (about $25 million USD)!

This is insignificant to movies like Demon Slayer, which made over $500 million internationally. My Hero Academia: World Heroes' Mission won't release internationally until October 28th (Canada and Australia) and 29th (U.S. and U.K.). This movie has time to grow its cash mountain, as it’s already surpassed “My Hero Academia: Two Heroes (2018)”, and “My Hero Academia: Heroes Rising (2019), in sales in Japan alone. This movie has been a box office hit. We can't wait to see the gorgeous animation and music hit the U.S. theaters on October 29th, 2021.
Today I asked a few people from our school, Wilson Area High School, what they plan on doing this Halloween. Here's what a few students here had to say about what they have planned.

Raymond DrePaul told me a few things he has planned. “I plan on going Trick-or-Treating this year and also spending time with my friends.” He also told me, “I plan on dressing up as a Naruto Character.” Raymond also says, “I also will possibly be going to some type of function or party, it all depends on what comes up.”

I then went and asked another student who attends Wilson, Gavin Ehlman. Gavin told me that “I will most likely just hang out with some friends this year.” He also shared with me that “I might put a mask on, or I might dress up, it all depends on how I’m feeling.” He also filled me in on if he had anything else going on. “I do not plan on attending any types of parties or things like that, I don’t get invited to those types of events.”

Another student, Kylee Burwell, also told me what she has planned. “I plan on doing stuff this year for Halloween. I plan on going trick or treating with some friends and dressing up as an angel.” She also shared with me that “I do not plan on going to any functions this year.”

It sounds like to me students here have most of the same things going on, Either hanging out with some friends, dressing up, and going trick or treating. Hopefully everyone is doing some of these fun activities while also staying safe.
Fun Fall Activities

By: Autumn Johnson

Fall is around the corner, the season of pumpkin flavored treats, beautiful foliage, and warm apple cider drinks. This is the time of Autumn scented candles to light up your home and Sunday night football games on TV. The season of pumpkin carving and apple picking is here. Fall is the season of family, so what better way to enjoy the season than to do some fun family activities? Here are some exciting activities that you and your loved ones can do this upcoming season.

1. Go pumpkin picking at Unangst Tree Farms LLC. Located at 7300 Beth Bath Pike, Bath Pa 18014. Pumpkin picking is usually a favorite for all fall lovers because you can take your pumpkin home and make cool creations. For example, you can make cool jack-o-lanterns, or even a pumpkin pie!

2. Test your sense of direction as you explore the twists and turns of a corn maze and the only way out is by finding clues. This maze is located also at Unangst Tree Farms LLC.

3. Apple picking at Phillips Farms located at 91 CrabApple Hill Rd, Milford Nj 08848.

4. Enjoy fresh baked apple dumplings topped with homemade vanilla ice cream found at Bethlehem Dairy Store. Located at 1430 Linden St, Bethlehem Pa 18018. They have 4.8 stars and great reviews!

5. Go to Haunt at Dorney Park.

Pictures courtesy of Google