Pranay Rajpaul

Stock Market Project - Part 1

Common stock is a security that represents partial ownership in a corporation. Corporations sell common stock as a way to raise money. Common stock is first sold in an initial public offering, or an IPO on the stock market, where people can purchase it as they see fit. Before purchasing our shares of the following stocks, our group looked at analyst ratings, articles from reputable sources, such as Zacks.com & info about these companies and their industries.

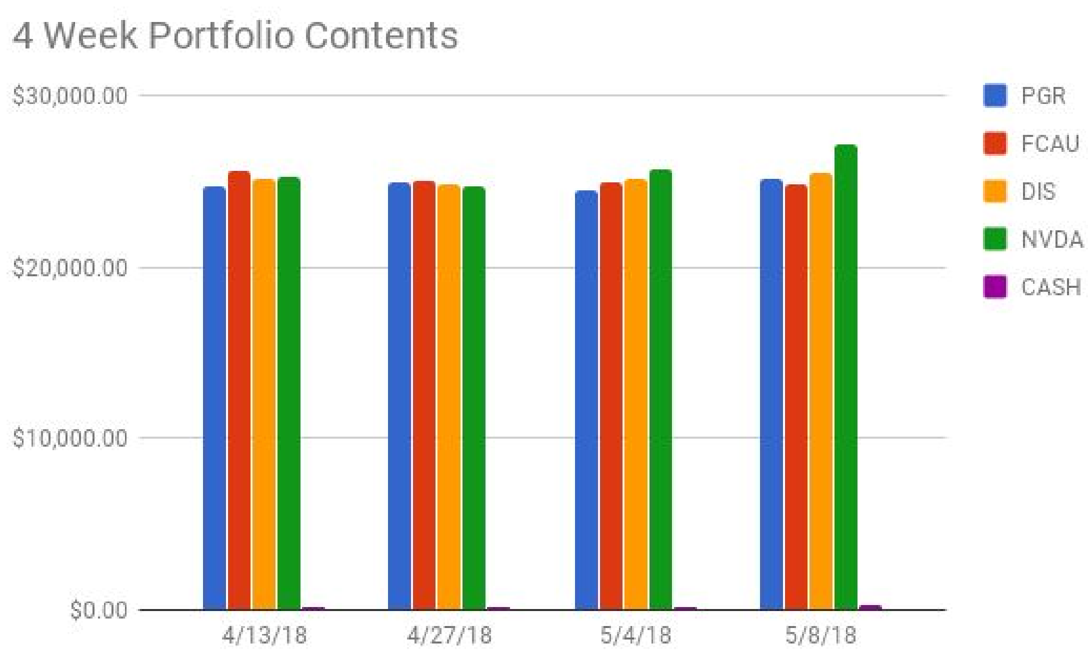
We chose to purchase stock from The Progressive Corporation, a company in the insurance industry. Progressive is definitely a major competitor in the insurance industry, as it has a 3.63% market share of direct premiums written, which makes it the sixth largest insurer in the United States. The insurance industry is not very high-risk. Disasters and accidents are always happening, and people will always need insurance to protect themselves from these problems. So, insurance companies will always be in demand. Progressive is a large cap company, with a market cap of around thirty-six billion dollars, making it a low risk stock to invest in. Its price-to-earnings ratio is at 13.93, which is relatively low. A major competitor in the insurance sector, Allstate, has a price-to-earnings ratio of 23.76. This means that Progressive has less future growth prospects than the stock market in general and a major competitor. Progressive also has a beta of 0.49, which makes it about half as risky as the market. This can be compared to Allstate, which has a beta of 0.93, making it less risky than a major competitor. Most analysts consider Progressive shares a “strong buy” or a “hold.” These opinions are so important because financial analysts have connections with people with more knowledge about these stocks than we do, almost making their opinion worth more than ours. Progressive does pay a dividend, but this isn't a major reason as to why he bought the stock. Most companies that don't pay dividends choose to invest that money into themselves for further growth. Progressive shares have steadily gone up in value over the past three months, six months, and one year. This definitely influenced his decision to buy this stock, as he is expecting it to go up in value over the course of this project.

We chose to purchase 250 stocks from Walt Disney Corporation (DIS). Walt Disney Corporation, Disney, is a major company in the Mass Media Entertainment Industry. This is as Disney has a major monopoly in their industry, buying out rising competitors including Marvel, ABC, and ESPN. They host four major branches in the Mass Media Entertainment industry (media networks, parks and resorts, studio entertainment, and consumer products/interactive media). With development of new forms of entertainment and a notable title in the industry already, the Mass Media and Entertainment industry is not a risky industry. There will be new forms of entertainment; as people need something to replace their boredom, they will lean towards this industry for their pleasure. Disney is a large cap company, meaning that it is a stable and established company, guaranteeing it to be not as volatile as most other stocks. Disney's P/E ratio is 14.2 meaning that it is not as risky as other stocks. Comparing Disney's P/E to its largest competitor, Netflix, with a P/E ratio of 231.1, it shows how stable and secure Disney is compared to Netflix. Compared to the market's average 31 P/E ratio, Disney is less volatile than the stock market, ensuring that our loss will not make us lose a lot of money. Beta is a value of how volatile a company is. Disney's beta is 1.16, making it a little more volatile that the stock market in general. Netflix has a beta of 1.35, making it more volatile than both the market and Disney. Most analysts consider Disney as a "strong" or "hold" buy, meaning that the stock is a good choice to invest in. Analysts' opinions matter as they study stocks and look at their trends, then deciding whether or not it is a good buy. They are professionals in the world of stocks; with their valuable experience, analysts could let us know about stocks on the rise or decline. Disney pays an $0.82 divided, although this is not the main reason for investing in the stock. Companies that do not pay dividends are usually growing rapidly and believe it will increase their market value. Disney has been depreciating in value for the last year. Its six month value peaked then fell back down making it believable that it would go back up. Disney's three month value has fluctuated, but stayed on the lower side. This was one reason why we invested in Disney as there is a big chance it would peak as it has before.

We chose to purchase stock from Fiat Chrysler Automobiles NV, a company in the automobile industry. Fiat Chrysler Automobiles NV or FCAU is definitely a major competitor in the automobile industry, as it has a 12.1% market share in the United States Automobile Industry, which makes it the fourth largest automobile manufacturer in the United States. The automobile industry is not very high-risk. People will always need to buy cars for themselves and this will not suddenly come to stop. As a result, automobile companies will always be in demand. Fiat Chrysler Automobiles NV is a large cap company, with a market cap of around 36.55 billion dollars, making it a low risk stock to invest in. Also, due to the recent aluminium price drop, which is what Fiats are made of, it is less risky. Its price-to-earnings ratio is at 8.50, which is relatively low compared to the stock market average P/E of 31. A major competitor in the automobile sector, General Motors, has a price-to-earnings ratio of 7.54. This means that Fiat Chrysler Automobiles NV has less future growth prospects than the stock market in general and a major competitor due to the fact that its P/E ratio is not high. Fiat Chrysler Automobiles NV also has a beta of 2.21, which makes it theoretically 2 times as volatile as the market. This can be compared to General Motors, which has a beta of 1.53, making it theoretically more risky than a major competitor. Most analysts consider Fiat Chrysler Automobiles NV shares a “strong buy” or a “hold”. These opinions are so important because financial analysts have connections with people with more knowledge about these stocks than we do, almost making their opinion worth more than ours. Fiat Chrysler Automobiles NV does pay a dividend, but this is not a major reason as to why he bought the stock. Most companies that do not pay dividends choose to invest that money into themselves for further growth. Fiat Chrysler Automobiles NV shares have steadily gone up in value over the past 3 months, 6 months and 1 year. This definitely influenced his decision to buy this stock, as he is expecting it to go up in value over the course of this project.

We decided to purchase 109 shares in the Nvidia corporation. Nvidia is a massive player in the Graphics Processing Unit industry, as according to the Motley Fool, Nvidia’s discrete market share increased to 72.8% during the third quarter of 2017 and has continued to cement its standing. The chip industry has the potential to be very volatile, as many chip components are based on imports, therefore, any shortages or tariffs could significantly impact the stock prices. Nvidia is a large cap stock, meaning that it is not as risky as a newly-gone-public company, as it has between \$10 billion and \$100 billion in market cap. It has a P/E ratio of 45.20, which indicates that Nvidia is a growth stock. When compared to the market average of 31 it has more potential to grow in the stock market, and when compared with a major competitor in Intel, with a PE ratio of 14.83, it has grown historically far more than one of its main competitors. Beta is a measure of the volatility of a company, and looking at Nvidia’s beta of 1.53, one sees that it has more potential to grow with a strong market than the average 1.0 beta company and more potential to tank with a falling market than the average 1.0 beta company. When comparing to Intel once again, who have a beta of 0.98, one can see that while the risks may be larger when investing in Nvidia, the rewards will bring more benefits. Wall Street analysts have very favorable opinions towards Nvidia's stock performances. When looking at Yahoo Finance's 37 analysts, 7 rated Nvidia as a strong buy, 14 as a buy, 12 as a hold, and just 4 as a sell. Analysts opinions are very important as they pore over every eventuality that could cause the stock to rise or fall, which we do not do. Nvidia does pay a dividend, but we mostly bought the stock due to its growth potential, and after listening to analysts' opinions. Many new, quickly growing companies do not pay dividends because it wants to put all the money invested in it back into the company to keep growing. Nvidia stock has risen exponentially over the past year, with some drop offs, but an overall rise, which most definitely influenced our choosing of this stock.

Our investments, as a whole, are not too risky. Disney, Fiat Chrysler, and Progressive are all stocks in relatively low-risk industries and are not too likely to fall in price dramatically. On the other hand, Nvidia is risky, having been very volatile with steep spikes and drops in the past few months. In addition, it is in the high risk computer component industry, which has many factors that can affect it dramatically. Due to the balancing of high-risk and low-risk stock, combined with our analyzing of the current market and future events that may affect this, we believe we can win the contest.


4 Week Portfolio Contents
$30,000.00
$20,000.00
$10,000.00
$0.00
4/13/18
4/27/18
5/4/18
5/8/18
PGR
FCAU
DIS
NVDA
CASH


Portfolio Total Value
$102,500.00
$102,000.00
$101,500.00
$101,000.00
$100,500.00
$100,000.00
$99,500.00
Dollars
$100,550.08
$99,740.66
$100,318.89
$102,402.12
4/13/18
4/27/18
5/4/18
5/10/18
Portfolio Total Value

Transactions History

Listed below are your recent transactions. To view more, edit Date Range.

Start Date 04/09/2018 **End Date** 05/09/2018 GO

	DATE	BUY/SELL	QUANTITY	SYMBOL	PRICE	TOTAL COST	
−	05/08/2018	Market - Buy	251	**DIS**	101.19	-25,398.69	ADD/VIEW NOTES
−	05/07/2018	Limit - Sell	250	**DIS**	102.14	25,535.00	ADD/VIEW NOTES
−	04/10/2018	Market - Buy	109	**NVDA**	225.58	-24,588.22	ADD/VIEW NOTES
−	04/10/2018	Market - Buy	411	**PGR**	60.75	-24,968.25	ADD/VIEW NOTES
−	04/10/2018	Market - Buy	250	**DIS**	101.33	-25,332.50	ADD/VIEW NOTES
−	04/09/2018	Market - Buy	1091	**FCAU**	22.90	-24,983.90	ADD/VIEW NOTES

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Company Profile - The Progressive Corporation:

Company Name	The Progressive Corporation
Chief Executive Officer	Susan Patricia Griffith
World Headquarters	Mayfield Village, Ohio
Total global employees	33,656
Industry group	Insurance
Stock exchange where the stock is listed	New York Stock Exchange (NYSE)
Global Sales for last year	26.82 billion dollars
Net Income for last year	1.59 billion dollars
P-E ratio	22.44
Dividend yield	1.87%
Beta (risk factor)	0.49

Revenue (ttm)	26.82B

Beta	**0.49**
PE Ratio (TTM)	**22.44**

Full Time Employees: 33,656

Net Income Avi to Common (ttm)	1.59B

Trailing Annual Dividend Yield [3]	1.85%

Company Profile - Fiat Chrysler Automobiles:

Company Name: Fiat Chrysler Automobiles NV	**Global Sales for Last Year:** $110.93B
Chief Executive Officer (CEO): Sergio Marchionne	**Net Income for last year:** $3.949B
World Headquarters: Auburn Hills, Michigan and Turin, Italy	**P-E ratio:** 8.11
Total Global Employees: 235,915	**Dividend Yield:** 0
Industry Group: Automotive Industry	**Beta (risk factor):** 2.26
Stock exchange where stock is listed: New York Stock Exchange (NYSE)	

Total Global Employees:

FCAU

FIAT CHRYSLER AUTOMOBILES N.V EMPLOYEES

NYSE > CAPITAL GOODS > AUTO MANUFACTURING

Employees of Fiat Chrysler Automobiles N.V.

235,915

Employees work in retu

depending on the type o

Employment is a relatior

Global Sales:

Fiscal year is January-December. All values EUR millions.	2013	2014	2015	2016	2017	5-year trend
Sales/Revenue	86.82B	96.09B	110.6B	111.02B	110.93B	

Net Income:

Fiat Chrysler Automobiles Historical Net Income (TTM) Data

View and export this data going b

Data for this Date Range	
March 31, 2018	4.519B
Dec. 31, 2017	3.949B

PE Ratio:

PE Ratio (TTM)	**8.11**

Dividend Yield:

Forward Dividend & Yield	N/A (N/A)

Beta:

Beta	2.26

Company Profile - Nvidia:

Company Name: Nvidia	**Global Sales Last Year:** 9.71 bn
CEO: Jensen Huang	**Net Income Last Year:** 3.05 bn
HQ: Santa Clara, CA	**P/E Ratio:** 51.72
Total Global Employees: 11,528	**Dividend Yield:** 0.23%
Industry Group: Semiconductors	**Beta:** 1.53
Stock Exchange: NYSE	

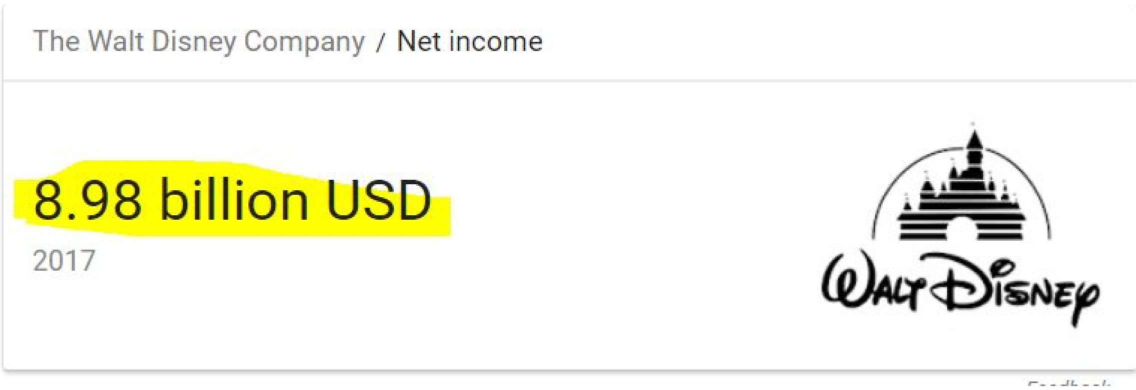
Employees

As of January 28, 2018 , we had 11,528 employees, 8,191 of whom were engaged in research and development and 3,337 of whom were engaged in sales, marketing, operations, and administrative positions.

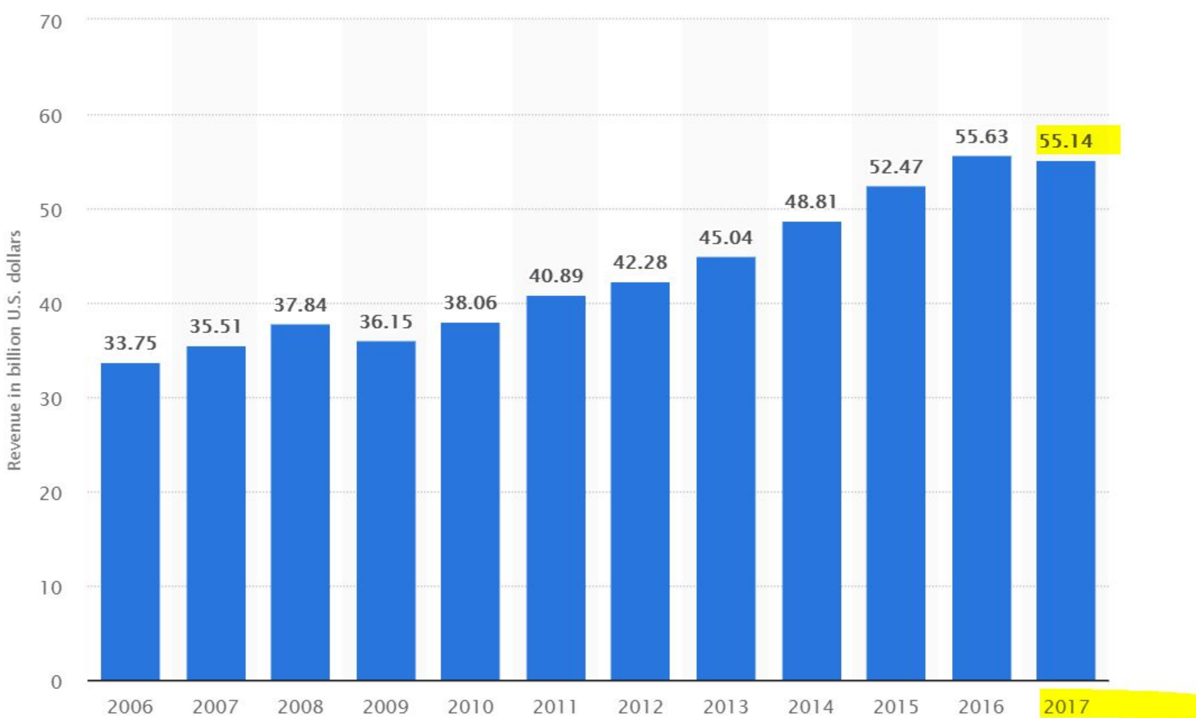
Revenue (ttm)	9.71B
Net Income Avi to Common (ttm)	3.05B
PE Ratio (TTM)	51.72
Trailing Annual Dividend Yield [3]	0.23%
Beta	1.53

Company Profile: The Walt Disney Company

Company Name: The Walt Disney Company	2017 Global Sales: 55.14 Billion
CEO: Bob Iger	2017 Net Income: 8.99 Billion
World Headquarters: Burbank, CA United States	P-E Ratio: 14.2
Total Global Employees:199,000	Dividend Yield: 1.68
Industry Group: Mass Media Entertainment	Beta: 1.18
Stock Exchange Where Listed: New York Stock Exchange (NYSE)	



Global revenue of the Walt Disney Company in the fis U.S. dollars)



The Walt Disney Company / Number of employees

199,000

September 30, 2017

Market Cap	150.368B
Beta	1.18
PE Ratio (TTM)	14.26
EPS (TTM)	7.01
Earnings Date	May 7, 2018 - May 11, 2018
Forward Dividend & Yield	1.68 (1.67%)
Ex-Dividend Date	2017-12-08
1y Target Est	119.90

Company Background -Progressive Mutual Insurance Corporation:

On March 10, 1937, Joseph Lewis and Jack Green started Progressive Mutual Insurance Corporation. They wanted to provide vehicle owners with security and protection, and they thought starting an insurance company was a good investment for two lawyers who were just starting up in the insurance business. Progressive has taken an innovative approach to auto insurance since its foundation. Its steady growth led Progressive to become a public company in 1971. Three years later, they moved their headquarters to Mayfield Village, a suburb in Cleveland. In 1982, Progressive was listed under the stock ticker PGR on the New York Stock Exchange. Today, The Progressive Corporation is one of the largest auto insurance groups in the United States. Progressive offers insurance of all types - vehicle & recreational insurance, home & property insurance, and everything else, including life insurance, health insurance, and even travel insurance.

We think the first article by Zacks should have caused the stock to rise. The article listed an increase in premiums, along with higher fees & revenue. Because of this increase in revenue, and presumably, profit, this should have led to more investors looking to purchase the stock, thus increasing its price. The article also listed strong momentum in Progressive's vehicle and property businesses. All of these should have increased its stock price. The second article by Insider Monkey should have caused PGR to rise. It claims that more and more hedge funds held Progressive stock as the years went by, which should have increased investor confidence in the company, if professionals are investing in it. It also said that Progressive is partnering with Uber, which should increase Progressive stock exponentially, because they're partnering with a huge ridesharing business, which should increase revenue. In this first week, we purchased

Progressive off a recommendation from Zacks.com, which stated that the stock has a history of going up in May. This was one of our main purchases of the week.

The third article by Zacks should have caused the stock price of PGR to rise. Zacks had Progressive listed as a #1 stock, which should cause investor confidence, since high level analysts have the company rated highly. They also note that the "projected growth rate for the current year is 46.8%, compared with the industry's 19.7%", which is great for the company. They said that the Zacks Consensus Estimate for its current-year earnings rose 8.7% in the last 60 days, which should increase its price. The fourth article, by Nasdaq, should make the stock price of PGR go up. The article states that Progressive's earnings surged by 92.5% year-over-year, which is a great statistic. Along with that, the article states that Progressive's earnings-per-share beat the Zacks consensus estimate - a great sign for prospective investors. It notes that Progressive has a history of beating the Zacks estimates for earnings, which should increase its stock price, seeing as investors look for earnings as a main factor when it comes to possible purchases. We did not make any trades this week, but we could have purchased Twitter, knowing that Facebook, a major competitor in the social media field, would lose users because of its controversial news about Cambridge Analytica, and assuming that Twitter would gain more users.

The fifth article, by Stock News Journal, is a rare negative article. This article offers a more sobering take on Progressive, stating that the stock has been underperforming the S&P 500, and that the stock is less volatile than most. Although this may be a positive for those looking to purchase PGR for the long term, it is most likely a negative for those looking to flip the stock in the short term. So, this article might cause Progressive stock to drop a bit. The sixth article, by the Week Herald, offers a very positive outlook for Progressive stock. It expresses that many stock analysts from highly credible groups, such as ValuEngine & UBS, raised their rankings of Progressive stock - upgrading it from a “hold” to a “buy”. It also offers a price estimate that is a bit higher than the current price of the stock, giving investors a reason to buy, knowing that analysts in the know are expecting it to go up. We did not make any purchases this week, but we could have purchased US Cellular stock, as it dropped five dollars on May 1st. Knowing this, we could have bought that stock expecting a bounceback week.

The seventh article, by the Stock News Times, is a neutral article for PGR stock prices. It reveals that Campbell & Co. Investment Adviser LLC, a portfolio management company, reduced its stake in Progressive, its 3rd largest position, by 28.7%. Investors reading this might take it to mean that an investment fund does not trust the future outlook of Progressive stock, thus lowering its stock price. However, this article does tell us that many other, but smaller financial companies, increased their stake in Progressive. It depends on the where the individual investor puts their trust into. The final article, from the Post Analyst, is a negative article for Progressive stock. It suggests that Progressive’s shares are simply not that attractive when compared with the stocks of peers, because of its price-to-sales ratio, which might be higher than that of many other stocks in the insurance industry. This article also states that the stock is around seven percent off of its analyst-set target price. This might cause quite a bit of concern amongst investors who base their decisions off of analyst predictions. Along with this, it notes a two percent decline in the past month, affecting short-term stock flippers. These factors all combined might cause a decline in the stock price of PGR. We did not make any purchases this week, but we could have bought stock in International Flavors & Fragrances, a huge faller on

May 7th, when it dropped fifteen dollars. Similarly to US Cellular, we could have purchased this stock expecting a bounceback day later, which it did have on May 8th.

Company Background - Fiat Chrysler Automobiles:

FCAU or Fiat Chrysler Automobiles NV was founded by Sergio Marchionne in late 2014 to produce affordable, well-functioning cars. FCAU is engaged in designing, engineering, manufacturing, distributing and selling vehicles, components and production systems. Some of FCAU vehicles include Alfa Romeo, Chrysler, Dodge, Fiat, Fiat Professional, Jeep, Lancia and Ram brands. During the first week, (4/7-4/13) Fiat's stock rose and remained steady, allowing us to move up in terms of positions for our contest. According to seekingalpha.com, there have been rumors that with Sergio Marchionne's predicted retirement in a year, FCAU is setup to land a "transformational deal." Marchionne has been working on improving Fiat's debt profile to make this deal happen. In addition, prnewswire.com stated that The Women's Business Enterprise National Council (WBENC) has named FCAU as one of America's Top Corporations supporting Women's Business Enterprises (WBEs), the only national award honoring corporations for world-class supplier diversity programs that reduce barriers and drive growth for women-owned businesses. FCAU was recognized as one of the top companies to be recognized for this award and has received it for the 6th time in a row. We believe that this may have improved FCAU stock price because it may have made investors and others happy and willing to invest in FCAU due to its seemingly everlasting success. These articles show that it has a great supplier diversity and is definitely a company to invest in (especially with the CEO trying to improve Fiat's debt profile to make deals happen). During this week, we made no trades because FCAU was steadily going up in terms of stock. We could have made a trade, however during this week there were no negative things that occurred regarding the stock and therefore we chose not to make any trades. The only “bad news” was that the CEO may retire soon, however, a ‘transformational deal” would occur which told me not to trade the stock. Now, during the second week, (4/14-4/27) according to seekingalpha.com, Fiat Chrysler is no longer as obviously attractive, however, it still remains ranked very high on the acquirers multiple. Also, according to the same writer, GM, Fiat’s major competitor looks more attractive. According to fool.com, Fiat Chrysler will be able to sustain their impressive sales success further into 2018 and 130% since April 2017 compared to gains of just 14% for GM. Throughout this week, Fiat’s stocks continued to go up and remained stable, allowing us to further progress in the contest. We believe this news of statistics showing how Fiat is doing better than its major competitor, GM, caused our stock to rise. Although seekingalpha.com stated that Fiat is no longer attractive and we could have sold or traded it, we chose not to because at the time Fiat was doing fine and seeing the comparisons between Fiat and GM assured us not to sell FCAU stock. Overall, we believe that this was a great decision. After the second week (4/28-5/4), Fiat actually started losing sales. According to reuters.com, Fiat Chrysler Automobiles NV Canadian unit said that on Tuesday its total vehicle sales fell 16 percent in April from a year earlier. According to streetinsider.com, FCA US Earns Spot on DiversityInc's 2018 Lists of "Noteworthy Companies for Diversity" and "Top Companies for Veterans." It also earned one of *DiversityInc*’s top recognitions 10 times since the benchmarks were established in 2001 and it was the second consecutive year that the company earned a top spot in the specialty category “Top Companies For Veterans.” Although FCAU dropped in stock, we still kept it due to the awards it received as well as how well it has been doing in the past. This news should have caused FCAU stock to rise, however, surprisingly, it didn't. No trades were made and at the time we felt it was a good decision. It is now the last week, (5/5-5/10) and according to streetinsider.com, Jeep® and Ram Truck brand vehicles cleaned up at the 24th annual "Mudfest" competition hosted by the Northwest Automotive Press Association (NWAPA). Jeep and Ram won three of the six vehicle categories with the all-new 2018 Jeep Wrangler taking home top honors, being voted "Northwest Outdoor Activity Vehicle of the Year" by automotive journalist members of NWAPA. In addition, according to nasdaq.com, a fire occured recently at the plant in Eaton Rapids, Michigan, operated by Meridian Lightweight Technologies disrupted production of parts used in the Ford trucks. we personally think this news should have caused FCAU stock to rise (due to the awards it received and damage to its competitor), We did not make any trades with FCAU because we firmly believed FCAU stock would rise.

Company Background - Nvidia:

Nvidia came to be in 1993 when the three founders, Jensen Huang, who still works at the company as the CEO, Chris Malachowsky, and Curtis Priem, decided to put all their eggs in one basket and predict that the future of computers would revolve around graphics and therefore would require strong processors. In order to kickstart the company, Nvidia formed an alliance with SGS-Thomson, which now is another semiconductor company. In 1995, Nvidia released their first product, and in 1997, released the Riva-128, which sold 1 million units in four months.

In 1999, Nvidia made a serious breakthrough, inventing the Graphics Processing Unit(GPU). Since then, Nvidia has gone on to be named America's fastest growing company in 2002, make the processor for the PS3, and be named Company of the Year in 2007. Nvidia continues to produce GPUs, for both gaming and professional use.

The first article, by US News, portrays a positive future for Nvidia stock, and backed Nvidia to recover from the slump it had been in due to the large demand for cryptocurrency. The article also touches on the demand for gaming chips this year due to a shortage in the previous year, which also would contribute to the recovery. Finally, the article states that Nvidia is one of the leading companies in machine learning technologies, which has become a relevant topic in the past few years. All these factors led to Nvidia stock rising. The second article, by Yahoo Finance, actually discusses a major competitor of Nvidia, Intel. The article discusses the potential Intel has, and how it tends to shrug off slumps and bounce back, thereby listing it as a good buying option, but it seems that investors looked at Nvidia's positives, as it saw a rise over the next few days. In the first week, we decided to refrain from making trades as we wanted to at least let the stock market play out for a week before we made any decisions about trading.

The Motley Fool was the source we used for the third article, which outlined Intel's ambitions to challenge Nvidia in the gaming GPU market, which could have been taken two ways by investors. On one hand, investors might see Intel as a cheaper, less volatile alternative to Nvidia, but on the other hand, the article states that at the moment, Nvidia has a large gap between it and Intel, and is doing well, which may have led investors to buy Nvidia, but Nvidia began experiencing a drop in stock price a few days later, meaning that the first situation may be true. The fourth article, authored by Seeking Alpha, explores why Nvidia CEO Jensen Huang, and other insiders sold Nvidia stock, which definitely caused a slump, as over the period of six days, the stock price dropped almost 20 dollars. This was probably the case, as investors tend to sell if insiders do the same. Over these two weeks, we felt slightly compelled to act cautiously, as Nvidia stock performed poorly, but we decided to refrain from selling, after looking at the beta and PE ratio and seeing that the stock would jump more than the average stock.

Once again, we used Seeking Alpha for the fifth article, who this time had a very positive outlook on Nvidia stock. The article calls Nvidia the “darling of Wall Street”, and labels it as a “buy” stock, due to its investment, research, and development of new, exciting technologies. This may have influenced the rise in the stock, as it more than recovered from the 20 dollar slump just one week ago, and standing at about 239 dollars, when at the peak of the slump, the price per share was just about 216 dollars. The sixth article, by the Motley Fool, once again has rave reviews of the stock, saying that it was at least a hold stock, and a stock that should not be sold whatsoever. As per usual, the article touched on Nvidia’s advancements in Awe and Machine learning, and also addressed the fact that Nvidia may be pulling away from its competitors, which also most definitely helped the stock grow. This week, we reaped the rewards of not selling the stock the previous week, with the stock making us multiple thousands of dollars, despite us having just 109 shares in the company.

For the penultimate article, we used an Investopedia article which discussed how Nvidia may rise 8% according to analysts due to significant financial growth during the first quarter of 2018. The article also warns investors to exercise caution, as Nvidia is a volatile stock, but discusses how nearly two-thirds of analysts rate Nvidia as a buy or outperform. This article seems to have contributed to the continued rise of the stock, as it has continued to grow over the past week. Finally, for the eighth article, by Yahoo Finance, the article discusses how, despite Nvidia's competitors posting good 1st quarter earnings, it is still pulling away from the rest of the pack, partly due to its dominance of the gaming GPU market. Once again, this article probably helped the rise in the stock. This week, we continued to remain the same in terms of quantity of Nvidia stock, which made us the most money, despite us having the least shares in the company; we did not, however, decide to buy more shares as there was no cohesive agreement between which stocks we should trade for additional stock, and because the stock was at a much higher price point that when we initially purchased it.

Company Background - The Walt Disney Company:

The Walt Disney Company, know as Disney, is a global Mass Media and Entertainment Company. A multibillion dollar industry, Disney is known for its media networks, parks and resorts, studio entertainment, and consumer products/interactive media. Disney's media networks division produces cable and broadcast television networks, television production/distribution operations, global television stations, and radio networks. The company's theme park/resort division engineers new designs and develops new theme park concepts and attractions, as well as new resort features. The studio entertainment division produces and acquires live action and animated motion pictures, direct-to-video content, musical recordings, and live stage plays. Disney also develops and publishes applications and games (for mobile platforms), books, magazines, and comic books. Some widely known companies owned by Disney include ABC Television, ESPN, Lucasfilm Ltd, and Marvel Entertainment. The Walt Disney Company changed the way the world looks upon entertainment. Innovating new forms of entertainment, from animatons to theme parks, they heavily influence the world. Disney has established a strong basis for their multibillion dollar company.

This first article talks about Disney's current milestones and objectives and how these affect its future. Disney is now in the process of buying 21st Century Fox. Disney's aggressiveness with its rival, Redbox, grows as they decline Redbox permission to stock Black Panther dvds. Disney will unveil a new Star Wars film on May 25, Solo: A Star Wars Story. Disney will be adding new themes to their Orlando theme park including a land of Avatar. Disney is also gaining power in the culinary world by opening new restaurants in their Hollywood theme park. Disney will be partnering with Nvidia to create new, technology filled, attractions to appeal to public desire. Disney will also create a new streaming service ESPN+ with plans to make a lot of profit from it. Our second article, by Investorplace, suggests that Disney's new streaming service, ESPN+, is being shadowed by Disney's efforts to buy Twenty-First Century Fox, competing with Comcast Corporation. This article talks about how successful ESPN+ would be. It begins by explaining the services including exclusive access to "out of market" events. Disney's service is outsmarting competition by offering low rates but having high demand with it. However, ESPN is becoming less popular as other streaming companies are going viral. As Netflix, a competitor, isn't streaming live programs, Disney has the edge over them, but there is only a minority of users interested in sports. Just because of ESPN's volatility, it doesn't mean that Disney's stock would tank. These articles show that there is a future for Disney and a good chance it will increase as time goes on through there new services. We bought 250 shares in Disney with the intent of it going up because of these services.

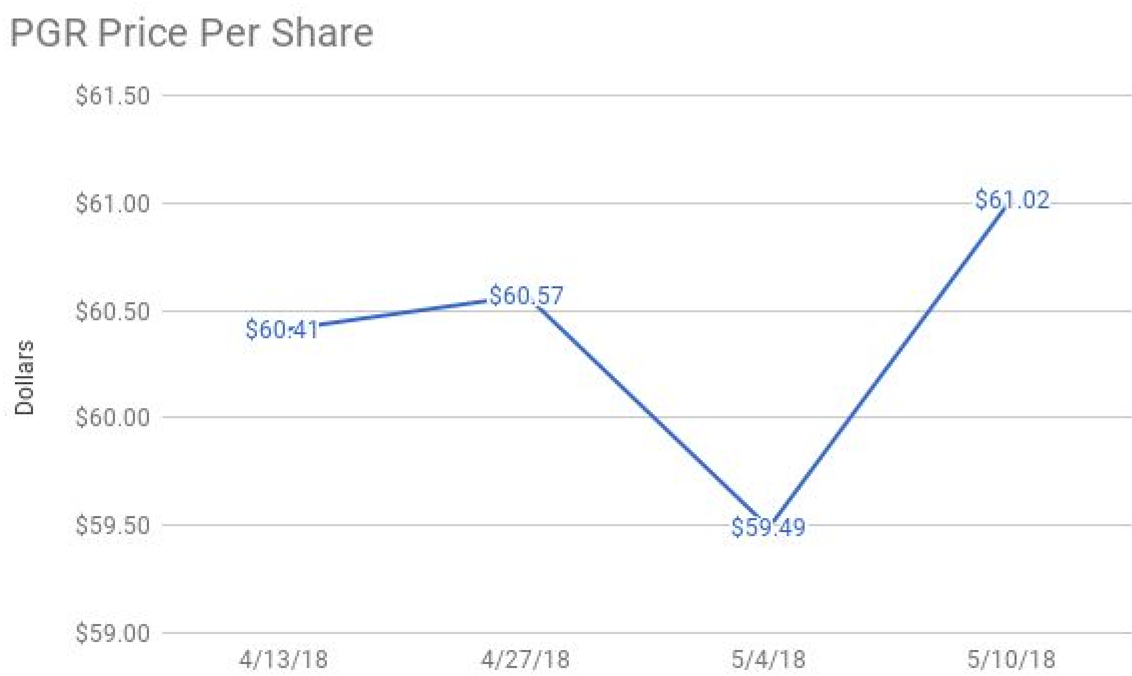
Just reading the title, this third article seems like it is going to be a rant on the Disney stock. It talks about how the stock hasn't reached its full potential, even after the success of Black Panther and Star Wars. The author believes that Disney's earning report will be lower than last years and the stock will drop.The author calls disney a trap as it looks successful but in real, it is about to tank. The inexpensive price tag shouldn't fool investors either as, historically speaking, these stocks fail. The fourth article starts off by talking about how the estimate whether or not a stock is volatile, then starts to talk about Disney. This week 3 million less shares were traded, creating a volume spike. This spike concerns analysts as it is usually followed by low prices. They say that the Disney stock is ideal for both short and long term investors; they do this by removing the day to day fluctuations and creating a chart consisting of the average price during trading days. Disney's moving average are low negatives, meaning they have a downward trend. As of now, Disney is in the top of its 52 week average price. Disney has an RSwe of 45, making it just above the ideal RSwe of 30. This makes Disney an oversold stock. Disney has experience of a lower quarterly report, affecting the stock even more. In general Disney is a somewhat risky stock. The first article is really concerning, as also the downward trend we are facing for now. The second article gives us some assurance that it will make profit for us. We did not trade or sell this week as we were losing money with the stock.

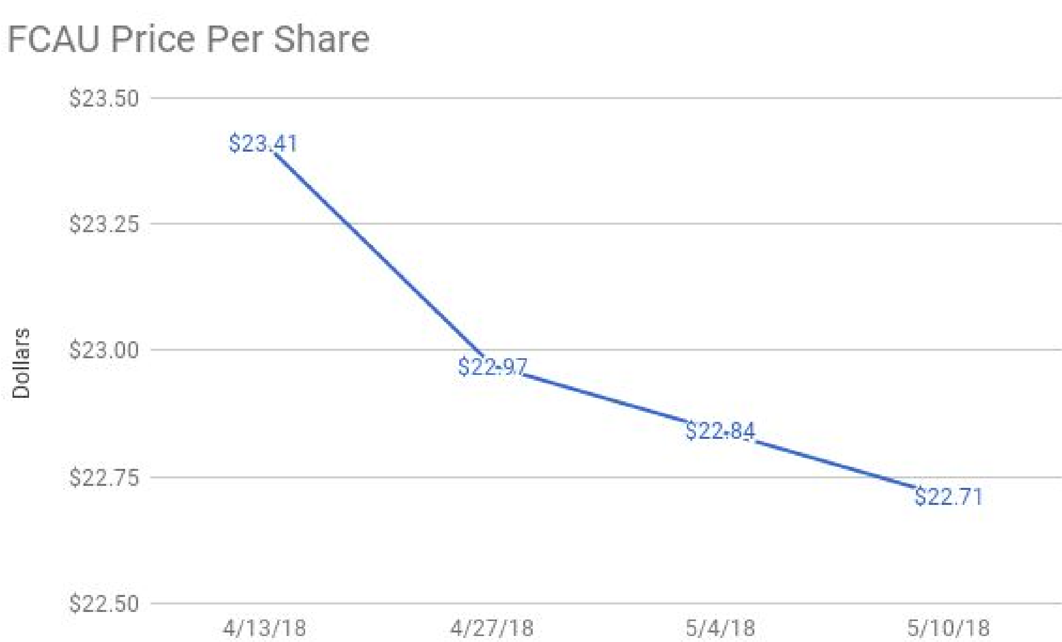
The fifth article notes that Disney's new movie Infinity War broke many box office records and created a lot of revenue. The article states that in addition to the movie, Disney's stock went up 2%. As the world waited for opening day, it brought in $250 million in USA and a grand total of $630 million international revenue. They are also expected to gain more revenue after the release of Infinity War in China on May 11. The production for the movie was expensive, costing 5% of Disney's Entertainment division cost. However, Disney still has a 9.5% decrease in stock this year. Our sixth article says that Movie Pass is a service that allows users to watch a movie every day, for free, after a paid membership. This service stopped allowing members to go to Infinity War, Disney's newest movie, more than once. Although this may seem like nothing, there may be some long term impacts. Movie pass is now obtaining debt out of the multiple of users who utilize their low cost tickets and have started creating strategies to tackle it. Movie pass has changed their service, mainly because of recent Disney movies hitting theaters, making users mad. Analyst believe Disney will take the most impact as they have many new movies coming out this year, and they might lose viewers. The first article talked about Disney's upward trend because of their new movie, gives us assurance that we would soon make profit. The second article, however, did not and made us feel as if Disney was not a secure stock to buy. We did not trade or sell stock as we still were not making profit.

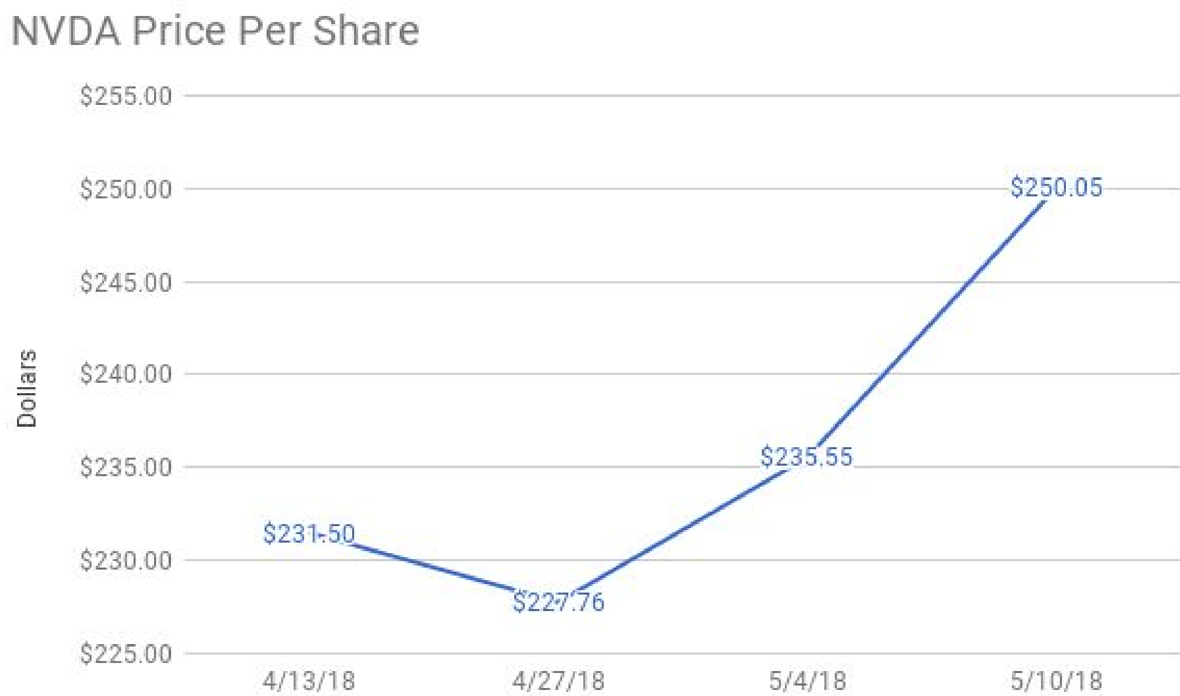
In the seventh article, analysts start by talking about how Disney would be expected to be successful, as theme parks and new movies earned a lot of profit. However, looking at the larger scale, Disney has stayed where it is for the past few years. Investors usually think twice before buying stock in mass media entertainment companies. Some of Disney's theme park rivals are also catching up, expecting to have their highest revenue. Disney has always expected their theme parks to gain the most revenue, and with competitors on the rise, Disney's new movies will help secure the leading place in revenue. The eighth article states that Disney will unveil its second-quarter earnings on Tuesday and will show the future of its company. ESPN has failed, their streaming service took a huge turn and tanked in revenue. ESPN has been losing viewers annually, and last year alone, they lost 13%. They say that Disney can only sore in stock prices if

ESPN becomes a success. This makes it really volatile with a major chance of it completely sinking. Disney would be a good long term pickup as many people are starting to realize the effectiveness of Disney in the industry. Right now the stock is high because of 2015 quarter two reports of high net revenue. Disney needs to advertise ESPN better, to gain subscribers for revenue. Analyst believes that this slowdown is only temporary. These articles, and the fact that we are finally making profit, gave us happiness. Although there were some negative parts to the articles, we took the positives and leaned on those. We sold all 250 stocks this week as we finally started making profit, maybe because it was a high day, as we believe that Disney will just decrease in price again. This move is on the intent that Disney drops back down so we can buy it at a lower price and make more profit this week. We purchased it after it dropped to $100.19, but we've unfortunately been losing money because of Wall Street's disappointment in Disney's progress with streaming.

4 Week Price Per Share Graphs:



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$235.00
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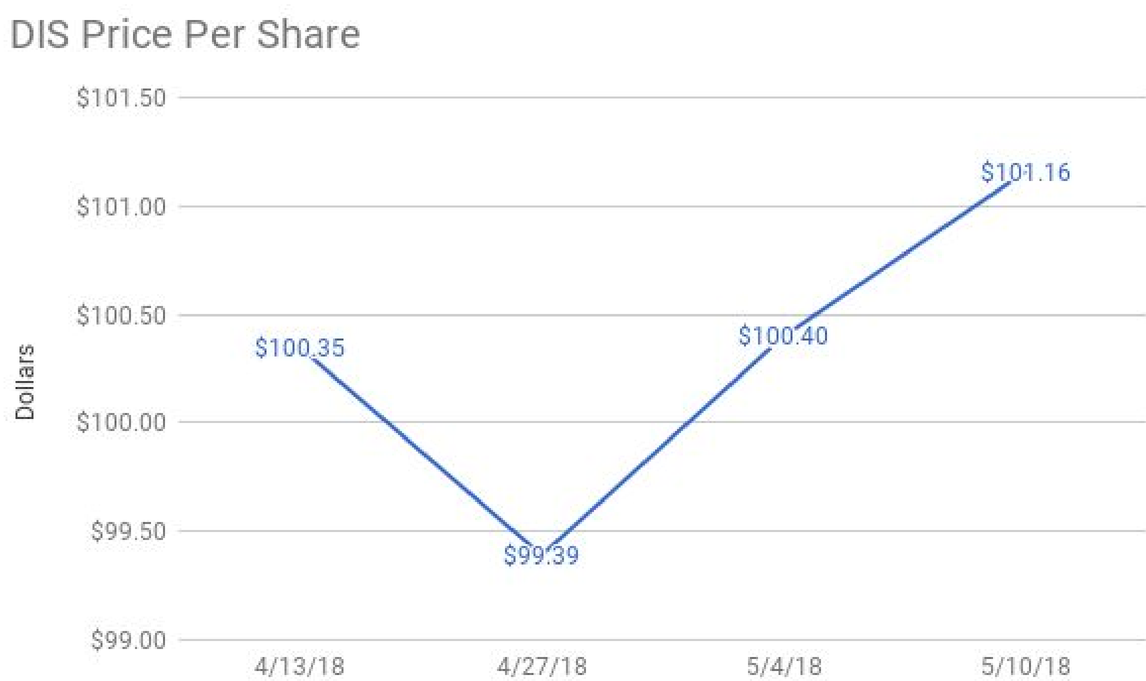
DIS Price Per Share
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$99.00
Dollars
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$101.16
4/13/18
4/27/18
5/4/18
5/10/18

Final Reflections

Our individual stock, PGR, or Progressive, performed decently, but not too well. Progressive did really well midway through the project but unfortunately went down near the end. Our portfolio as a whole was carried through Nvidia stock, which was volatile, but was up around two-thousand dollars at the end. Fiat Chrysler did really well early - at some points, it was up around one-thousand dollars, but it crashed near the end. Disney was mediocre throughout. If we did this simulation again, we would have gone with highly volatile stocks like Nvidia. Super conservative stocks that only go up around three-hundred dollars maximum will not win a competition, so we would adopt the “go big or go home” philosophy for this competition. Next time, we would sell more frequently, to take advantage of the volatility in the stock market. Short-term trading would make money quickly, especially because of the lack of commissions in this project, rather than holding till the end. we learned many things from this project but one of the main things that we learned was how to evaluate stocks when purchasing. we learned about various metrics investors use to evaluate stock purchases, such as P/E ratio, beta, or market capitalization. Along with this, we also learned about different industries and sectors within the modern economy.

Our individual stocks and portfolio performed decently throughout the Principles of Business contest. During the first 2 weeks of the contest, the stock we invested in (FCAU) remained stable and continued to rise. We invested in FCAU for it to be one of our less volatile stocks (along with Progressive). Throughout the contest, Nvidia, and Disney were our highly volatile stocks and helped us gain quite a bit of money. During the first 3 weeks, Nvidia stock was highly volatile and ultimately gave us $3,000 in profit. Disney's stock dropped at first, but then after the release of Avengers Infinity War, it also helped us gain money. Progressive was stable throughout the whole contest and at the end gained us around $200. At the end however, our non volatile stock for FCAU dropped. If we did this simulation again, we would have made more risky investments because in the end of our simulation, even our non volatile stock ended up making us lose money. Next time, we would sell more frequently when the stock of a company drop's because by doing so, we would gain a lot of money as the company's stock rises. With this project, we learned how stocks can be affected by how well the company is functioning and running. One more thing that we learned is that one should not invest in only non volatile or volatile stocks because then they would not make any money! This project taught me a lot and will help me so much when we am an adult and invest in stocks myself!

Individually, our Nvidia stock outperformed our expectations and did very well, and ended up making us about 2-3 thousand dollars, despite suffering a slump in the middle of the month, but it may have suited us better to spread out the amount of shares we had in each company, as we had over 1,000 shares in FCAU, but just 109 in Nvidia, if we wanted the group portfolio to perform better. we believe we should have purchased more risky stocks, as the risky stocks we had, like Nvidia, made us a fair sum of money. As long as we did adequate research, risky stocks would not have been a problem. Next time, we would have carried on like we did and not sold any stocks, as over the course of one month, it is more than possible to bounce back from any losses, like we did with Nvidia. we also noticed that analysts predictions, if they come true at all, usually happen within 1 to 2 weeks. Overall, we learned the process of buying, trading, and managing stocks. we learned important barometers that analysts use to see whether a stock is worth investing in and learned to use them for myself.

Our stock, Disney, did ok. For the majority of the project if was losing money but in this final week it finally began making money. To make most use of the profit, we sold it and bought it again at a lower price with expectations of it making money in the last few days of the project. Our portfolio as a whole didn't go great, but we did make profit. Nvidia, a highly volatile stock, carried up to profit as it gained over $2000 for us. Our other two stocks, Progressive and Fiat were stable stocks. However we ended up losing money in Fiat, a stock that used to make us $300 profit. we would make more riskier stock choices if we ever do this project again as dealing with the steady decline of Disney, daily, was sad. It kept losing profit, no surprises, while with our riskey stock, Nvidia, there was a surprise every day seeing if we made money or not. we would hold on to stock for the most part. If they suddenly grow for a day, we would sell all the stocks and wait the next day when we expect it to decrease again. If it is making steady profit we would keep the stock. we learned about the impact of the amount of stock you have in a company. For example, Disney only decreased by a few pennies, but because we had over 250 shares, they multiplied up and made us lose a lot more money than we expected. On the other hand, a stock with less shares in it would make us lose less money, even if it costed more.