

Programming Assignment 6

Due Nov 3, 2020 by 11:59pm **Points** 8 **Submitting** a file upload

1. Graph Yahoo Finance Closing Prices (3 points)

Below is a snippet of code that will get you 2 lists, the first which has the close values for Apple Stocks from January 1st to October 26th. Chart, as a line chart, this data using matplotlib

```
import yfinance as yf

df=yf.download('AAPL', '2020-01-01', '2020-10-26')

close = df['Close'].tolist()
dates = df.index.to_list()
```

2. Graph Yahoo Finance Closing Prices Continued (3 points)

Using your previous code, update it to include another line of a stock of your choice during the same period.

Hint, you will need to copy and edit the code supplied to you above to get a list for the closing values for the other stock.

3. Wildcard (2 Points)

Generate a data set of your choice. This may be complicated like reading in a file or pulling from an api, or as simple as a list of generated numbers. Choose something interesting, but do not stress on getting this perfect.

Using this data, generate a chart of a different variety than what we learned using matplotlib. i.e. Create a bar chart or Pie Chart etc. but do not create a line chart like in the above questions.

Some Rubric (5)						
Criteria	Ratings					Pts
1)	3 pts Full Marks	2 pts Most Marks	1.5 pts Half Marks	1 pts Some Marks	0 pts No Marks	3 pts
2)	3 pts Full Marks	2 pts Most Marks	1.5 pts Half Marks	1 pts Some Marks	0 pts No Marks	3 pts
3)	2 pts Full Marks		1 pts Half Marks		0 pts No Marks	2 pts
Total Points: 8						