In [1]:
```
#1
import yfinance as yf
```

In [3]:
```
tesla = yf.Ticker('TSLA')
tesla_data  = tesla.history(period = 'max')
tesla_data.reset_index(inplace = True)
tesla_data.head()
```

Out[3]:

	Date	Open	High	Low	Close	Volume	Dividends	Stock Splits
0	2010-06-29	3.800	5.000	3.508	4.778	93831500	0	0.0
1	2010-06-30	5.158	6.084	4.660	4.766	85935500	0	0.0
2	2010-07-01	5.000	5.184	4.054	4.392	41094000	0	0.0
3	2010-07-02	4.600	4.620	3.742	3.840	25699000	0	0.0
4	2010-07-06	4.000	4.000	3.166	3.222	34334500	0	0.0

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [1]:
```
#2
from bs4 import BeautifulSoup
import requests
import pandas as pd
```

In [10]:
```
html_data = requests.get("https://www.macrotrends.net/stocks/charts/TSLA/tesla/re
soup = BeautifulSoup(html_data, "html.parser")
soup.find_all('title')
tesla_revenue = pd.DataFrame(columns = ['Date', 'Revenue'])

for row in soup.find_all("tbody")[1].find_all("tr"):
    col = row.find_all("td")
    date = col[0].text
    revenue = col[1].text.replace("$", "").replace(",", "")

    tesla_revenue = tesla_revenue.append({"Date": date, "Revenue": revenue}, ignc
tesla_revenue.dropna(inplace=True)
tesla_revenue = tesla_revenue[tesla_revenue['Revenue'] != ""]
tesla_revenue.tail()
```

Out[10]:

	Date	Revenue
45	2010-09-30	31
46	2010-06-30	28
47	2010-03-31	21
49	2009-09-30	46
50	2009-06-30	27

In [ ]:

In [ ]:

In [11]:
```
#3
GameStop = yf.Ticker("GME")
gme_data = GameStop.history(period = 'max')
gme_data.reset_index(inplace = True)
gme_data.head()
```

Out[11]:

	Date	Open	High	Low	Close	Volume	Dividends	Stock Splits
0	2002-02-13	6.480513	6.773399	6.413183	6.766666	19054000	0.0	0.0
1	2002-02-14	6.850828	6.864294	6.682503	6.733001	2755400	0.0	0.0
2	2002-02-15	6.733004	6.749836	6.632009	6.699338	2097400	0.0	0.0
3	2002-02-19	6.665671	6.665671	6.312188	6.430016	1852600	0.0	0.0
4	2002-02-20	6.463680	6.648838	6.413182	6.648838	1723200	0.0	0.0

In [ ]:

In [ ]:

In [12]:
```
#4
url = "https://www.macrotrends.net/stocks/charts/GME/gamestop/revenue"
html_data = requests.get(url).text
soup = BeautifulSoup(html_data, "html.parser")
soup.find_all('title')
gme_revenue = pd.DataFrame(columns = ['Date', 'Revenue'])

for row in soup.find_all("tbody")[1].find_all("tr"):
    col = row.find_all("td")
    date = col[0].text
    revenue = col[1].text.replace("$", "").replace(",", "")

    gme_revenue = gme_revenue.append({"Date": date, "Revenue": revenue}, ignore_i
tesla_revenue.dropna(inplace=True)
tesla_revenue = tesla_revenue[tesla_revenue['Revenue'] != ""]
gme_revenue.tail()
```

Out[12]:

	Date	Revenue
47	2010-01-31	3524
48	2009-10-31	1835
49	2009-07-31	1739
50	2009-04-30	1981
51	2009-01-31	3492

In [ ]:

In [2]:
```
#5
make_graph(tesla_data, tesla_revenue, 'Tesla')
```

In [ ]:

In [ ]:

In [ ]:
```
#6
```

In [ ]:
```
make_graph(gme_data, gme_revenue, 'GameStop')
```

In [ ]:

In [ ]:

In [ ]:

In [ ]: