Question 4: Use Webscraping to Extract GME Revenue Data

Use the `requests` library to download the webpage https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-PY0220EN-SkillsNetwork/labs/project/stock.html. Save the text of the response as a variable named `html_data_2`.

[40]:
```
url = "https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-PY0220EN-SkillsNe
response = requests.get(url)
html_data_2 = response.text
```

Parse the html data using `beautiful_soup` using parser i.e `html5lib` or `html.parser`.

[41]:
```
soup = BeautifulSoup(response.content, 'html5lib')
```

Using `BeautifulSoup` or the `read_html` function extract the table with `GameStop Revenue` and store it into a dataframe named `gme_revenue`. The dataframe should have columns `Date` and `Revenue`. Make sure the comma and dollar sign is removed from the `Revenue` column.

•[46]:
```
tables = soup.find_all('table')
gme_table = tables[1]  # Adjust index if needed
rows = gme_table.find_all('tr')
data = []
for row in rows[1:]:  # Skipping the header row
    cols = row.find_all('td')
    date = cols[0].text.strip()
    revenue = cols[1].text.strip().replace('$', '').replace(',', '')  # Remove dollar sign and commas
    data.append([date, revenue])
gme_revenue = pd.DataFrame(data, columns=['Date', 'Revenue'])
gme_revenue['Revenue'] = pd.to_numeric(gme_revenue['Revenue'])
```

Display the last five rows of the `gme_revenue` dataframe using the `tail` function. Take a screenshot of the results.

[48]:
```
print(gme_revenue.tail())
```

```
          Date  Revenue
57  2006-01-31     1667
58  2005-10-31      534
59  2005-07-31      416
60  2005-04-30      475
61  2005-01-31      709
```