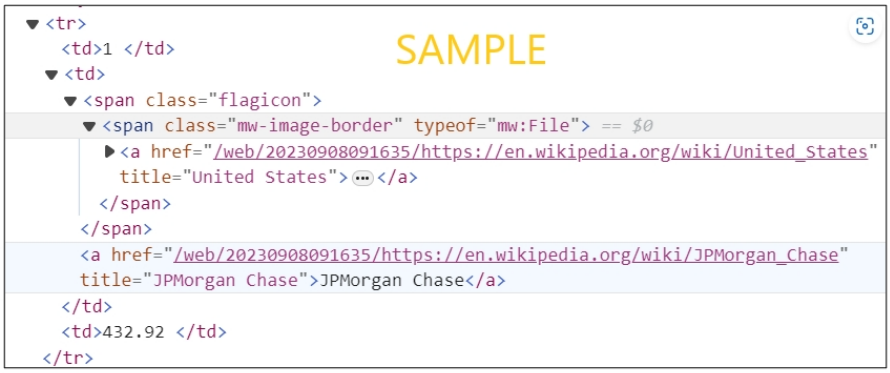
Grade Quiz: Final Project

1. While inspecting the webpage in task 2, you would have encountered the contents of the first row of the table to have a code as shown in the image below. **1 / 1 point**



Since the contents of all rows will have similar codes, which of the following statements of code can be used appropriately for extracting the "JPMorgan Chase"?

- ○ col = row.find_all('td');
  bank_name = col[1].find_all('a')[1]
- ○ col = row.find_all('td');
  bank_name = col[0].find_all('a')[1]
- ○ col = row.find_all('td');
  bank_name = col[0].find_all('a')[1]['title']
- ◉ col = row.find_all('td');
  bank_name = col[1].find_all('a')[1]['title']

Correct
Correct! This code statement can be used to extract "JPMorgan Chase"

2. The content of the 3rd column, containing the Market Cap value in Billion USD, has an extra '\n' character at the end of the numerical value. Which of the code statements below will extract the data without that last character and convert the data type to float? **1 / 1 point**

- ○ market_cap = col[2].contents[0][:-1]
- ○ market_cap = col[2].contents[0].float()
- ○ market_cap = col[2].contents[0]
- ◉ market_cap = float(col[2].contents[0][:-1])

Correct
Correct! This code statement will extract the data without the final character and convert the data type to float.

3. If in task 3, the market capitalization value was expected to be rounded to the nearest billion in GBP, which of the following statements would generate the correct response? **1 / 1 point**

- df['MC_GBP_Billion'] = [np.round(x*exchange_rate['GBP'],1) for x in df['MC_USD_Billion']]
- (●) df['MC_GBP_Billion'] = [np.round(x*exchange_rate['GBP'],0) for x in df['MC_USD_Billion']]
- df['MC_GBP_Billion'] = [np.round(x*exchange_rate['GBP'],2) for x in df['MC_USD_Billion']]
- df['MC_GBP_Billion'] = [np.round(x*exchange_rate['GBP'],3) for x in df['MC_USD_Billion']]

Correct
Correct! This statement would generate the correct response.

4. As evaluated in task 3, what was the market capitalization of the 5th largest bank in Billion EUR? **1 / 1 point**

- 157.91
- (●) 146.86
- 13328.41
- 144.96

Correct
Correct! This is the market capitalization of the 5th largest bank in Billion EUR.

5. In task 6, what was the response of the query “SELECT AVG(MC_GBP_Billion) FROM Largest_banks” ? **1 / 1 point**

- 155.87
- 55.65
- (●) 151.987
- 157.91

Correct
Correct! This is the average market capitalization in Billion GBP.