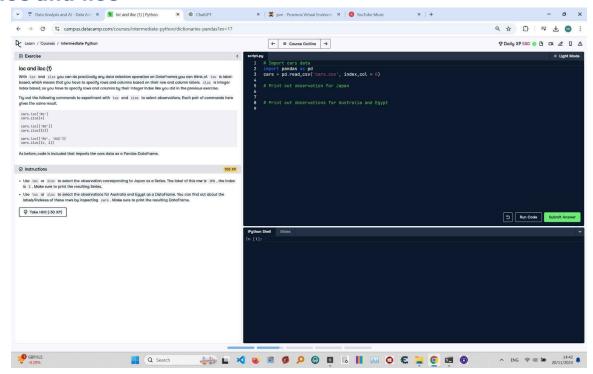
loc and iloc



Question:

Use loc or iloc to select the observation corresponding to Japan as a Series. The label of this row is JPN, the index is 2.

Make sure to print the resulting Series.

Use loc or iloc to select the observations for Australia and Egypt as a DataFrame. You can find out about the labels/Indexes of these rows by inspecting cars. Make sure to print the resulting DataFrame.

Answer:

```
# Import cars data
import pandas as pd
cars = pd.read_csv('cars.csv', index_col=0)
# Print out observation for Japan
print(cars.loc['JPN'])
```

Print out observations for Australia and Egypt

Code Explanation:

- 1. `import pandas as pd`: Imports the pandas library, which is essential for data manipulation and analysis.
- 2. `cars = pd.read_csv('cars.csv', index_col=0)`: Reads the 'cars.csv' file into a pandas DataFrame and sets the first column as the index.
- 3. `print(cars.loc['JPN'])`: Uses the `loc` method to access the row labeled 'JPN' in the DataFrame, which corresponds to Japan, and prints it as a Series.
- 4. `print(cars.loc[['AUS', 'EG']])`: Uses the `loc` method to access rows labeled 'AUS' (Australia) and 'EG' (Egypt) as a DataFrame and prints them.