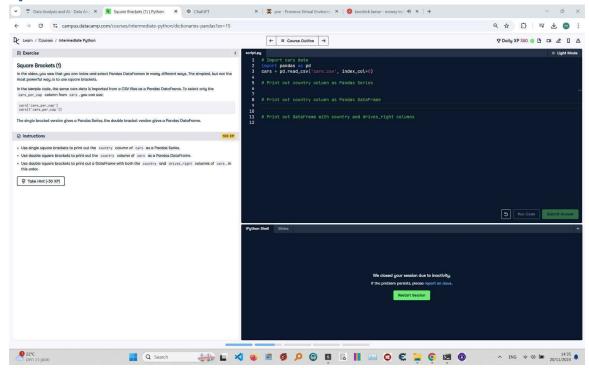
## **Square Brackets (1)**



## **Instructions:**

- 1. Use single square brackets to print out the 'country' column of cars as a Pandas Series.
- 2. Use double square brackets to print out the 'country' column of cars as a Pandas DataFrame.
- 3. Use double square brackets to print out a DataFrame with both the 'country' and 'drives\_right' columns of cars, in this order.

## **Code and Explanation:**

- # Import cars data
  import pandas as pd
  cars = pd.read csv('cars.csv', index col=0)
- # Print out country column as Pandas Series
  print(cars['country'])
- # Print out country column as Pandas DataFrame
  print(cars[['country']])

# Print out DataFrame with country and drives\_right columns
print(cars[['country', 'drives\_right']])

## Explanation of the Code:

- 1. The 'cars.csv' file is read into a Pandas DataFrame using pd.read\_csv with index col=0 to set the first column as the index.
- 2. The single square brackets 'cars['country']' extract the 'country' column as a Pandas Series.
- 3. Double square brackets 'cars[['country']]' extract the 'country' column as a Pandas DataFrame.
- 4. Double square brackets 'cars[['country', 'drives\_right']]' extract the 'country' and 'drives right' columns as a new DataFrame.