**The laboratory work 12**

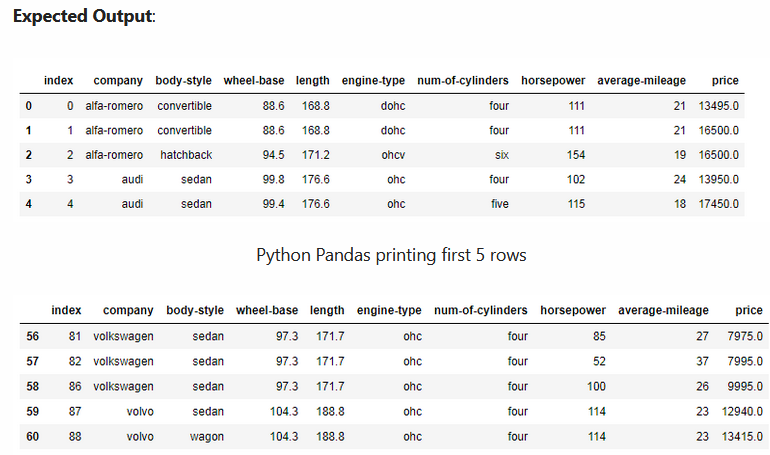
This Pandas exercise project will help Python developers to learn and practice pandas. Pandas is an open-source, BSD-licensed Python library. Pandas is a handy and useful data-structure tool for analyzing large and complex data.

Practice DataFrame, Data Selection, Group-By, Series, Sorting, Searching, statistics. Practice Data analysis using Pandas.

In this exercise, we are using **Automobile Dataset** for data analysis. This Dataset has different characteristics of an auto such as body-style, wheel-base, engine-type, price, mileage, horsepower, etc.

**[Automobile\_data.csv](https://pynative.com/wp-content/uploads/2019/01/Automobile_data.csv)**

**Exercise 1: From the given dataset print the first and last five rows**

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### Exercise 2: Find the most expensive car company name

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### Exercise 3: Print All Toyota Cars details

### Expected output

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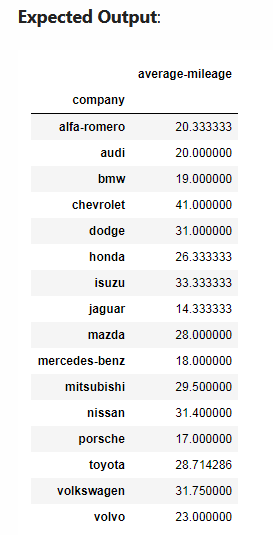
### Exercise 4: Count total cars per company

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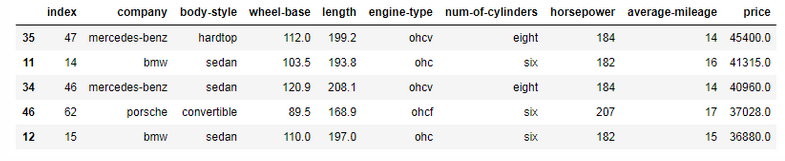
### Exercise 5: Find each company’s Higesht price car

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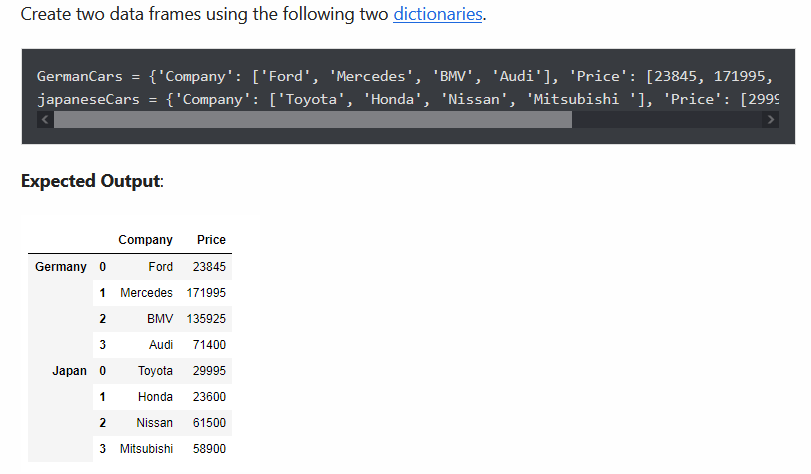
### Exercise 6: Find the average mileage of each car making company

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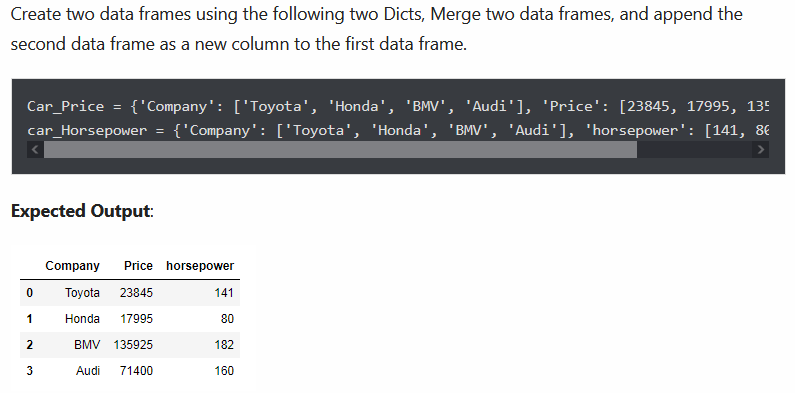
### Exercise 7: Sort all cars by Price column

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### Exercise 8: Concatenate two data frames using the following conditions

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### Exercise 9: Merge two data frames using the following condition

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