# PANDAS

## ASSIGNMENTS

1.  Name a few libraries in Python used for Data Analysis and Scientific computations.

2.  What is the main difference between a Pandas series and a single-column DataFrame in Python?

3.  Write code to sort a DataFrame in Python in descending order.

4.  Can we create a DataFrame with multiple data types in Python? If yes, how can we do it?

5.  Which Python library would you prefer to use for Data Munging?

6.  What are some features of Pandas that you like or dislike?

7.  What is the use of pandas in Python?

8.  Why would anyone use Python Pandas?

9.  What is a DataFrame in pandas?

10.     How we can Create a Pandas DataFrame

11.     How we can select an Index or Column From a Pandas DataFrame.

12.     How we can add an Index, Row or Column to a Pandas DataFrame

13.     How we can delete Indices, Rows or Columns From a Pandas Data Frame

14.     How we can Rename the Index or Columns of a Pandas DataFrame

15.     How we can Create an Empty DataFrame

16.     How we can Iterate Over a Pandas DataFrame

17.     Write a Python program to convert a Panda module Series to Python list

18.     Write a Python program to add, subtract two Pandas Series.

19.     Write a Python program to get the first 3 rows of a any DataFrame

20. Write a Python program to select the specified columns/rows from any data frame.

21. Write a Python program to count the number of rows and columns of a DataFrame.

22. Write a Python program to insert a new column in existing DataFrame