Assignment : 5

[Data Handling using Pandas]

**NOTE** : **gradedata.csv** &**weekdata.xlsx** has been provided as separate attachments.

1. Write a program to create a dataframe that contains the information of 5 Employees and print its size and shape.

**( Employee**: ID,Name, City, Department, Designation, Salary)

1. Write a program to create a CSV file that contains the information of 10 students, read that CSV file using pandas function and print the data.

**Student.CSV** (EnrollmentNo,Name,Branch,College\_Name)

1. Write a program to read a given “**gradedata.csv**” excel file and print the first &last 10 rows.
2. Write a program to print following details for **weekdata.xlsx** file:
   1. Column names
   2. Size of dataframe
   3. All the information of dataframe
   4. Count the number of records in each columns
   5. Statistical Information of dataframe
3. Write a program to sort the dataset (student.csv) according to the column name entered by the user.
4. Write a program to read the file “**weekdata.xlsx**” & perform the following operations:
   1. Print the column :**answeringAgent** names.
   2. Print all the data of the odd index.
   3. Display all the details of calls that are made on Monday.
   4. List all the contact numbers that is made for Complaints
   5. Display call details having call duration more than 10 minutes
   6. How many calls are answered by agent **‘David’** ?
   7. Count the number of calls made after 9.30 AM.👎
   8. Drop All the rows containing at least 1 NULL value.
   9. Drop all the columns containing all the NULL values.