1. Write a Python program to draw a line with suitable label in the x axis, y axis and a title.
2. Write a Python program to draw a line using given axis values taken from a text file, with suitable label in the x axis, y axis and a title.

test.txt  
1 2  
2 4  
3 1

1. Write a Python program to draw line charts of the financial data of Alphabet Inc. between October 3, 2016 to October 7, 2016.

Date,Open,High,Low,Close  
10-03-16,774.25,776.065002,769.5,772.559998  
10-04-16,776.030029,778.710022,772.890015,776.429993  
10-05-16,779.309998,782.070007,775.650024,776.469971  
10-06-16,779,780.47998,775.539978,776.859985  
10-07-16,779.659973,779.659973,770.75,775.080017

1. Write a Python program to plot two or more lines on same plot with suitable legends of each line.
2. Write a Pandas program to create and display a one-dimensional array-like object(series) containing an array of data using Pandas module. Accept the values for the series from the keyboard. Display the content.
3. Write a Pandas program to convert a Panda module Series to Python list and it's type. Display the list. Hint: dataframe has tolist() function
4. Write a Pandas program to add, subtract, multiple and divide two Pandas Series. Accept data through the keyboard. Display the resultant series. Hint: Use +, -, \*, / operator.

Sample Series: [2, 4, 6, 8, 10], [1, 3, 5, 7, 9].

1. Write a Pandas program to compare the elements of the two Pandas Series for which data has been accepted through the keyboard. . Hint: Use ==, >, < operators

Sample Series: [2, 4, 6, 8, 10], [1, 3, 5, 7, 10]

1. Write a Pandas program to convert a dictionary(with elements empno,ename and basic) for which you accept values through the keyboard, to a Pandas series.

Original dictionary:  
eg: {'empno': 101, 'ename': ‘ann’, 'basic': 3000, }

1. Write a Pandas program to accept 5 elements into a numpy array and convert the NumPy array to a Pandas series.
2. Write a Pandas program to accept 10 integers and create the mean and standard deviation of the data of a given Series.
3. Accept 10 integers and display the mean and standard deviation.
4. Accept an integer having 15 digits into a pandas series and display the counts of each unique value
5. Write a Pandas program to get the first 3 rows of a given DataFrame for which read the contents of a csv file having empno, ename and basic of 10 employees.
6. Write a Pandas program to select the 'ename' and 'basic' columns from the DataFrame populated from the csv file.
7. Write a Pandas program to select the rows where the basic is greater than 2000.
8. Write a Pandas program to select the rows where the basic is missing, i.e. is NaN
9. Accept a name and replace the name with “sam” in the dataframe from csv file.Display.
10. Remove basic column from the dataframe
11. Add a new column commission as 2% of basic and store the dataframe to a file with comma separation and name newfile.csv
12. Add a new column department to the csv file and enter 3 employees with department acc, 3 records with department sls and 4 departments with department prd. Load the csv to a dataframe and departmentwise count of employees.
13. Delete all rows from dataframe where basic is less than 2000