Aim : Write python programs to implement different types of plots using Numpy and Matplotlib -

A) Line plot

B) Bar graph

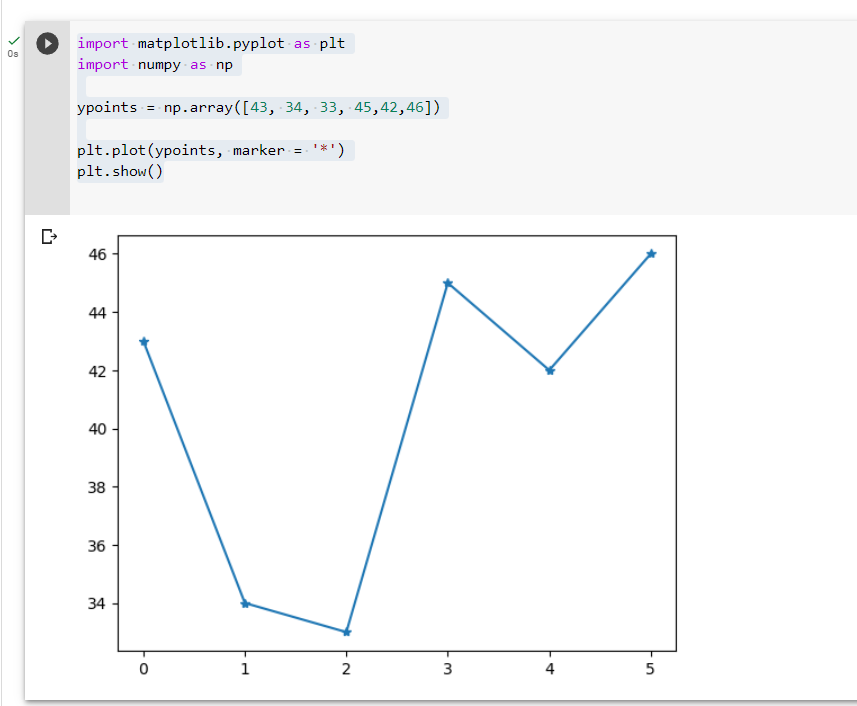
C) Scatter plot

D) Histogram

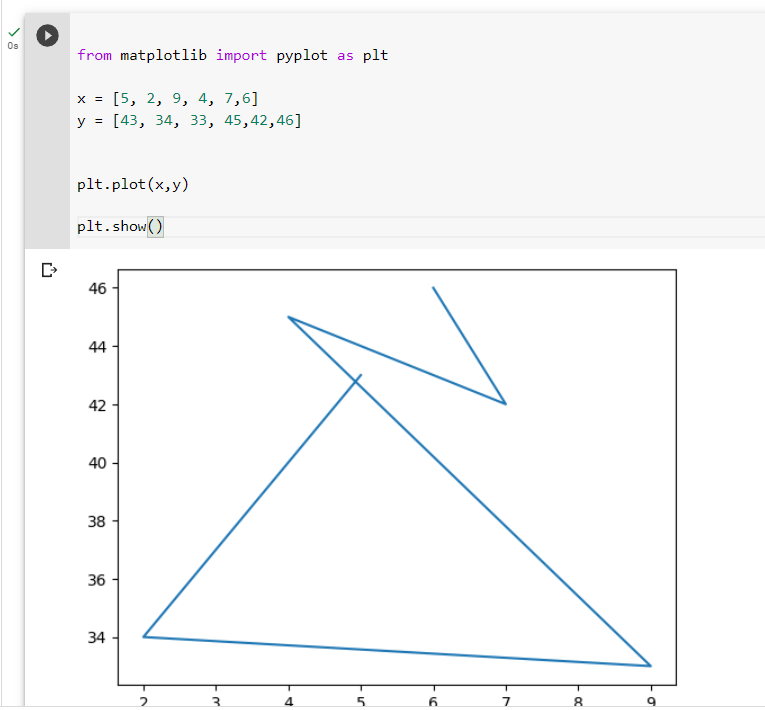
E) Pie chart

A) LINE PLOT

CODE:

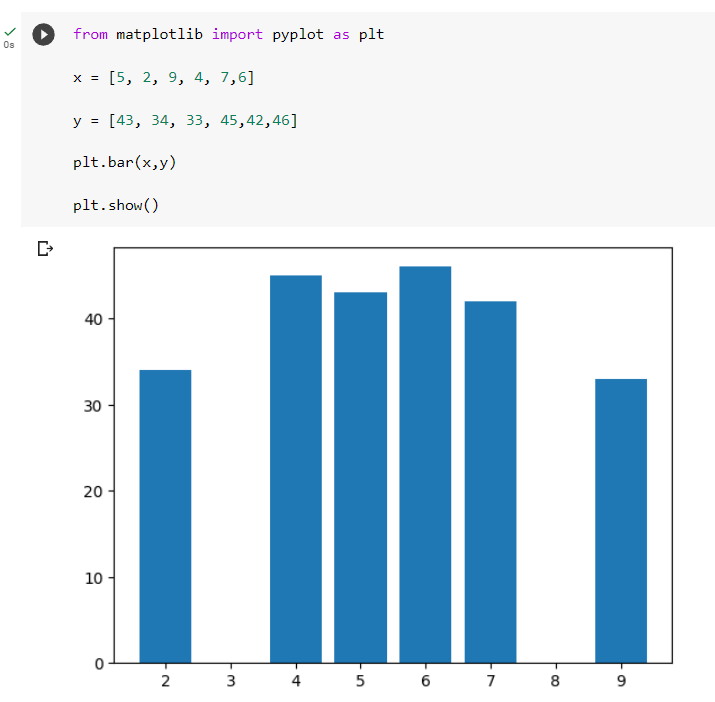


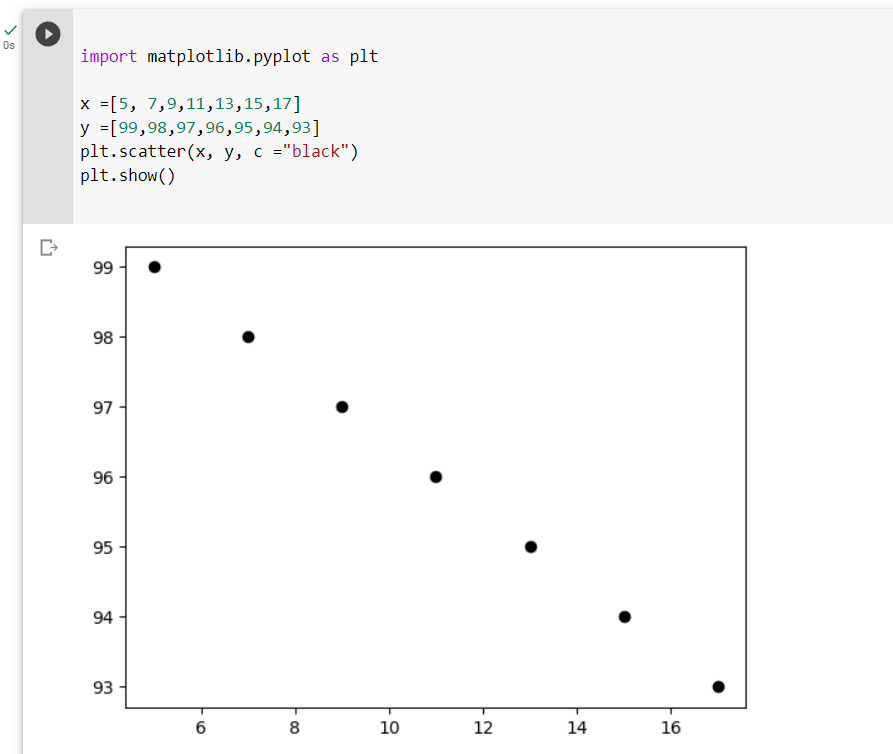
b.



B) BAR GRAPH:

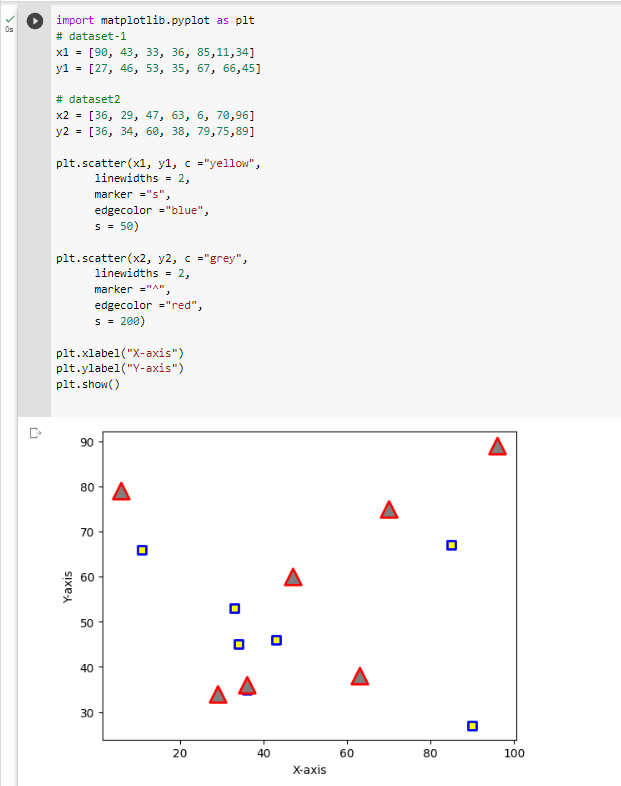
CODE:



C) SCATTER PLOT

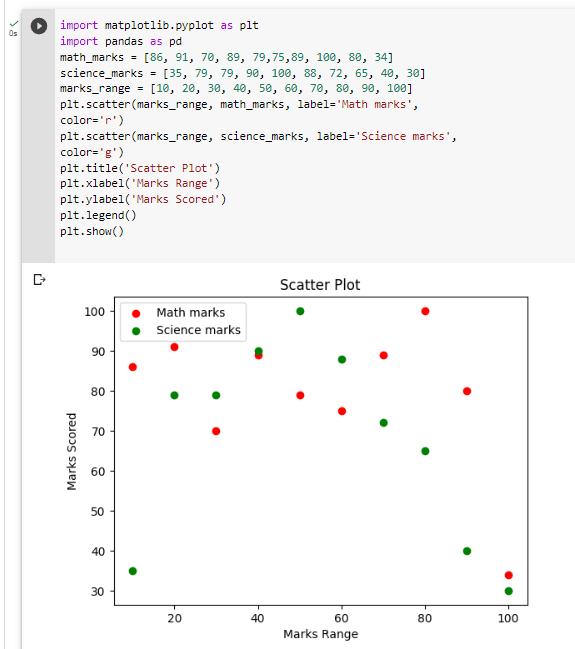
● Scatter plot with different shape and color for two datasets.

CODE:

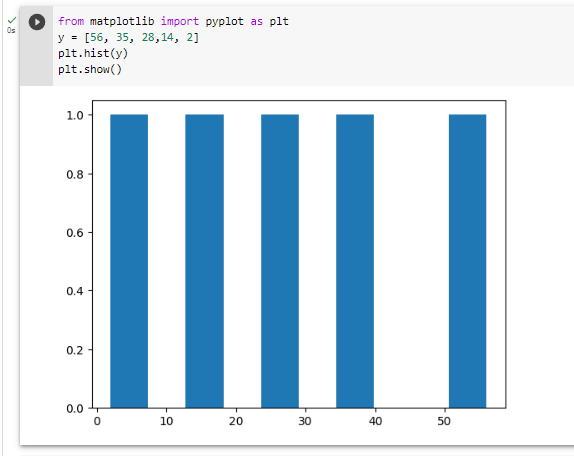


● Scatter diagram of comparing two subject marks of Mathematics and

Science. Using marks of 10 students.



D) HISTOGRAM



E) PIE CHART

