

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 with suitable label in the x axis , y axis and a title
3. Write a Python program to draw line charts of the financial data of Alphabet Inc. between October 3, 2016 to October 7, 2016.
4. Write a Python program to plot two or more lines on same plot with suitable legends of each line
5. Write a Python program to plot two or more lines with legends, different widths and colors.
6. Write a Python program to plot two or more lines with different styles
7. Write a Python program to plot two or more lines and set the line markers
8. Write a Python program to display the current axis limits values and set new axis values
9. Write a Python program to plot quantities which have an x and y position.
10. Write a Python programming to display a bar chart of the popularity of programming Languages

data

Programming languages: Java, Python, PHP, JavaScript, C#, C++
 Popularity: 22.2, 17.6, 8.8, 8, 7.7, 6.7

11. Write a Python programming to display a horizontal bar chart of the popularity of programming Languages.
12. Write a Python programming to display a bar chart of the popularity of programming Languages. Use uniform color
13. Write a Python programming to display a bar chart of the popularity of programming Languages. Use different color for each bar.
14. Write a Python programming to display a bar chart of the popularity of programming Languages. Attach a text label above each bar displaying its popularity (float value).
15. Write a Python programming to display a bar chart of the popularity of programming Languages. Make blue border to each bar
16. Write a Python programming to display a bar chart of the popularity of programming Languages. Specify the position of each bar plot
17. Write a Python programming to display a bar chart of the popularity of programming Languages. Select the width of each bar and their positions
18. Write a Python programming to display a bar chart of the popularity of programming Languages. Increase bottom margin. `plt.subplots_adjust(bottom=value but value is not greterthan top)`

19. Write a Python program to create bar plot of scores by group and gender. Use multiple X values on the same chart for men and women.

Sample Data:

Means (men) = (22, 30, 35, 35, 26)

Means (women) = (25, 32, 30, 35, 29)

20 14. Write a Python program to create bar plot from a DataFrame.

Sample Data Frame:

a b c d e

2 4,8,5,7,6

4 2,3,4,2,6

6 4,7,4,7,8

8 2,6,4,8,6

10 2,4,3,3,2

21 15. Write a Python program to create bar plots with error bars on the same figure

Sample Data

Mean velocity: 0.2474, 0.1235, 0.1737, 0.1824

Standard deviation of velocity: 0.3314, 0.2278, 0.2836, 0.2645