SL NO.	PROGRAM LIST
1.	Write a program to create a 2D array using NumPy array=[[1, 2, 3,4, 5, 6], [4, 5, 6, 7, 8, 9], [7, 8, 9, 10, 11, 12]]
2.	Write a Python programming to display a bar chart of the popularity of programming Languages. Sample data: Programming languages: Java, Python, PHP, JavaScript, C#, C++ Popularity: 22.2, 17.6, 8.8, 8, 7.7, 6.7
3.	Write a Python programming to display a horizontal bar chart of the popularity of programming Languages. Sample data: Programming languages: Java, Python, PHP, JavaScript, C#, C++ Popularity: 22.2, 17.6, 8.8, 8, 7.7, 6.7
4.	Write a Python program to draw a scatter plot comparing two subject marks of Mathematics and Science. Use marks of 10 students. Test Data: math_marks = [88, 92, 80, 89, 100, 80, 60, 100, 80, 34] science_marks = [35, 79, 79, 48, 100, 88, 32, 45, 20, 30] marks_range = [10, 20, 30, 40, 50, 60, 70, 80, 90, 100]
5.	Write a Python program to draw a scatter plot comparing runs scored by Rajasthan Royals and Chennai SuperKings in this IPL 2023. Use a grid to represent the comparison. Rajasthan=[2,4,6,7,1,0,5,4,3,1,8,7,9,0,11] Chennai=[1,2,3,4,5,6,4,6,8,3,1,9,0,6,21]

6.	Write a program to calculate the mean, mode and median for the given data x=[5,6,1,3,4,6,2,7,8,6,5,4,6,5,1,2,3,4]