Maskio: Use mat Plat lib module for elotting in eyethor

Aim Po use Mate lotlib module for Plotting in python.

Robbem 1011 covide a Python Broggramming to display a bounchat of the polularity of Programming languages

Sample data:

floogramming languages: Java, Puthon, PMP, Java Script, Ctt, Ctt, (dulaity: 22.1,126, 9-8,8,7-7,6.7.

Agonithm:

1. Define two lists for proframming languages and their popularity repeatively s

2. Find the maximum popularity value in the Usm

3. Define a scaling factor to scale the bar heights within a

4. For each language and Popularity Pair, Calculat the bas togles. as the following value scaled by the scaling foctor

5. Print the chart wins a loop to iterat out the programming language list.

Program:

import matplot lib. By plot as plt

longuages = [& Java, Python, PNP, Java Kript, Ctt, C+t)

louboits = [22.2,126, 88,8177, 6,7]

PIt bor (laguages, Popularity, Colour=b)

plt. title (population of programming languages)

pit ylable ('popularity') PIt. shots 1

problem 10,2: Write a Python Programming to creak a Pie chart of the Popularity of proforming Languages. Somple dedai Programming broguages: Java, python, PMP, Eva script, Ctu, Ct. 1. popularity: 22.2,12.6,88,8,27,6,7 Algorithm: 1. Creak a list of programming Laguages and popularity 2 creak a fie chart using the matplotlib library. 3. Set the title and leged forthe liechest. he show the ple chost. import matplotlib. PyPlot on pit programi languages = ['Java', 'Python', 'PNP', Java script', 'C++1,'C++1] Polishity = (22-2, 12.6, 8-8, 7.2, 62)

Popularity: [22-2, 17.6, 8-8, 7-7, 67)

PIT. Pie (Popularity, label = languages, autopet = 1/.1.1 f 1/. 1/.)

PIT. title (Popularity of programming Languages)

PIT. legal (languages, loc = "Lest")

PIT. shock)

- CSI	
VEL TECH - C:	M
EX NO.	110
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	/
SIGN WITH DATE	15

Result: This the Python Program use Mathotlis module for plotting is excused and verified Successfully