JOIGNIO! USE MOLETOTIES MODULE for platons 8/10/25 in Proshon Aim's To use matplothis medule for plothing in Podhon while a Rydran Programming be Problem 10 11: distance pour chan ofthe population of grayouries Canquage Programming Janguage; Jang, Bothon, PHP, Janguage Sample data: Popularies: 22.2,17.6,8.8,8,7.7,6.7. Somple output! 25 15 Algorithm: 0 1. Define enolists for Proofamming language ound their popularity respectivels. 2. Find the maximum popularity value intertible 8- Define ascaling factor to scale the bon height 4. Por each language and Popularies Pair, Cakulat the box heights as the Popularity uplace scales S. Print the chart using aloop to iterate overto Programming language list a Print the language name and separator character use 9 loop to print due bar Charle bo Printing. Program: # pip install mat Plotlib impore most plotlib Ryplot aspH languages = [Java' 'python' PHP' Javascript

Popularity = [88.2, 17.6, 8.8, 8, 7.7, 6.7]
PH. bar (languages, popularity, color = b) PH. title ("Popularity of programming languages") PH. n label ("Programming Languages") PH. ylabel ("Popularity")
10.2!- write apphon to create a fiethout
1. create a list of programming languages and programming languages and programming languages and programming languages and lesent for the Picehousett. 2. create a pie Chart using the Picehousett.
Program's mathlostib Putton; php; Javascript) imprort mathlostib python; php; Javascript)
Plt. 188end (lansagae) 8C Plt. 880W1). VELTECH X No. FREFORMANCE (5) SULTANDANAVYSIS (5) GAVOCE (5) AVOCE (5)
Result: Thus, the Python programuse matiplothis madule for plotting is executed and venified Successfully.

The first of the following the state of popularity of programming land value Land Commence of the contract Krieger Color Colo in the property sometimes of a JOHN PURCH PMP JOHN CH CH outlut:

Popularity of Programming languages;

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