med and a good axe building a pathon approxima petersmine Is a person is eligible to vote Populatiby of Programming Language noitgooms motous out onigo people the nees sos input 81 world 21 opp odd 91 woods : (a oitge onception (Exception): Consolidadio de la consolidadio 5 0 Python PHP Jova SCROPE SCHIP CHI CHA Programming languages

15:10-2 Tagk 10 use matplobilb module sox piotting in Python Aim: To use matploblib module 800 Plotting in Python 1. Define two lists for Programming languages Algorithm and their popularity respectively 2. Find the maximum populatiby value in 1186 3. Define a scaling factors to scale the bax heights within a orbain limits 4- Fox each language and popularity paix, calculate the bas height Program: # Pip install matploblib impost matplotlib. Pyplot as pil languages = ['Java', 'python', 'pHP', 'Java script'.] Populatiby = [22.2, 17.6, 88, 8, 7.7, 6.7] PIE · bar Canquages, Populasity, wolor = 6) Pib. Litle ('Populariby of rogramming languages'.) PIL. + label (Programming Languages) Pit. ylabel ( Popularity) PID. Show L)

sor stubon dildolation son or ini. noddyg as paidolg Languages 31.3.10 sing prisolog PHP Java Script diffelytom Wateri gig # 119 30 1019pg dil 1019 form 1809mi ( 82 80/05 paixologog , espoupar) and. ein. Field (, 60 boloziph of 200 solatinist ( p318064909 ) 1080/p. 119 () woda 61%

problem 10.2 writea Python programing to create a pie chart of the popularity of Programming Language Algorithm 1. Oxeate a list of programming language and 2. créate a pie chart using matphotilb library 3. set the title and legend for the pie chart 4. show the pie chast Program: import matplotilb. Pyplot as PIE # Step 1. languages - ['Java', 'Python', 'PHP', 'Javascript', CH'] Popularity = [222, 17.6, 8.8, 8, 7.7, 6.7] # 9 40 2 PIE. Pie (Po Pulaxity, labels = languages, outopot= %119%%) # Step 3 PIE. Eitle (Popularity of Programming Languages) Pit. legend (languages, 100 = best"; VEL TECH EX NO. # Step 4 PERFORMANCE (5) **RESULT AND ANALYSIS (5)** PIt. Show () VIVA VOCE (5) 15

Result: Thus the Python program use matphotilb module for plotting is executed