Jæk-10 use mat Pattib module for Modding

Aim: no use matillabit module for Platting
in Bython

Algorithm:

ond their Populationity steppectively.

2 find the noximum Popularity value in the 13

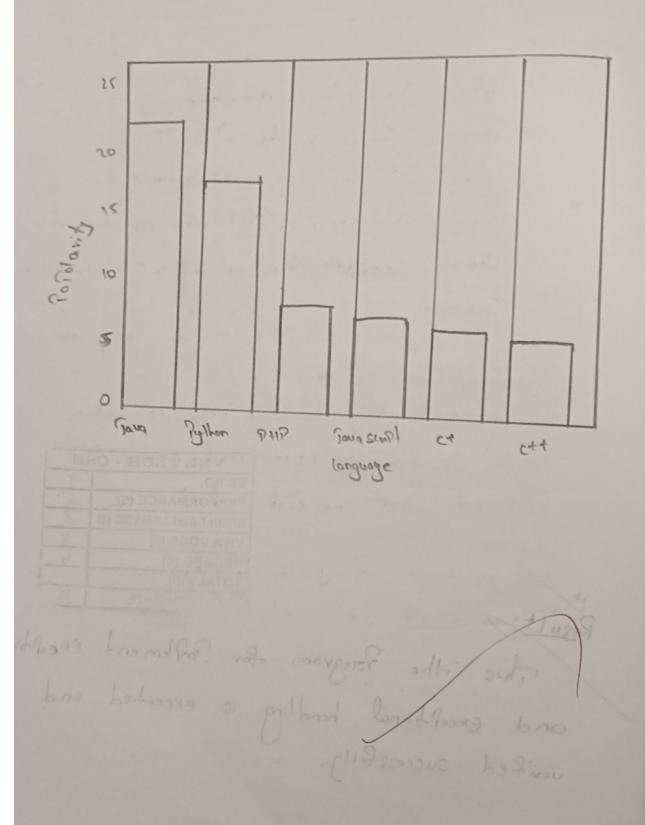
3. Perfore a scaling factor to scale the bor height within a certain limit

the bar height as the Populationity value

Scaled by the scaling factor

5 Point the chart using a loop to iterate over the Programming language list a Print the language name and a separator character (eg. "") b. use a loop to Print the bar chart by Printing the bar character (eg. "") a number of stimes equal to the bar height c. Point the Popularity udue with a separator character id

Print a newline character.



Jachau:

PiP install motplotlib
imPort motPlotlib : PyPlo! as PII
language = ('Java', Python; 'PHP', 'Java scriPt', 'ctt', '
PoPularity = (22.2, TT.6, 8.8,8,7.7, 6.7)
PIt. box (languages, PoPularity, color = b')
PIt. title ('PoPularity of Bogramming language)
PIt. xlabel ('PoPularity')
PIt. show()

Result: Thus the closegrow matplobit module for Platting in Tython. is siccessfully verified.

nother of Coulout slabon todal stom see on : miles Parlanty of language Rogenming language Comment of kil out onder of the bond of th 3 Jehne a saling folder to souls the box solod by the chart and a loss of Jano Bythen PAIR Jano Cat 1 644 · votocisto enlacer o tras

Tosk-10-2 Die chart of Porcularity

Aim: To write a Python Thogramming to create a Tric chart of the Popularity of The Popularity of The Popularity

Algorithm:

recreate a list of trograming language and

2 creale a lie chart using the matiliable library 3. Set the title and legend for the lie chart

4. show the Pie chart

Rogram:

stel 1
languages = ['Java', 'Tython', 'THP', 'Javascript', c#; 'c+)
Popularity = [22.2, 17.6, 8.8, 8.7.7.6.7]

Step L

PH. Pic (Porwority, labels = languages, autopot = 4-111.f.)

stol 3

PIt. title ("Horulanity o. P Pagramming languages")
PIt. legend (languages, loc = "best")

rolos phodusol 2000pol 1 to D Pavo (governd god Rulgood 20 Hardes) I Bogshon (20gougnal promovered) ladaly dava script (photosof) lad & cott CHA Alada 19 Tava Schill 9.41 - 30.81. 1.31. रिमित 12.4% Tava 24.8-1. Poplar

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boham pl

Stel 4 P11. show()

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PERFORMANCE (5)	3
RESULT AND AMALYSIS (3)	3
VIVA VOCE (3)	3
VIVA VOCE	140
RECORD (4)	Tal
TOTAL (15)	115
SIGN WITH DATE	113

Result: Thus the Sylhon Brogram use matPlotolib module for Plototing is executed and verified successfully.