Task 10: use matplotes module for blotherd in Bithan Am! To use matplotab module from plotting an python podden 10.1: - would a python powgoamming to display a boon chart of the popularities of bardoomend padrodos. sample data: programming byguages: Java, python, php, Java script, Ctt, C++ popularity: 22.2, 17.6, 8.8, 2.7, 6.2 Java python PHP Elphorypu; -1. Define has tests for programming languages and their popularity respectively. 2. End the maximum popularity value in the CBL 3. Define a scalling faction to scale the born heights control a contain comit (ong so characters) 4. Por out logice and popularity point, calculated the bon hoght as the popularly value scaled by the Stating Pacture. 5. point the charle using a loop to iterate over the backouring padade 881.

boppless dis. Lor con profile billion dence you to deposite it a person is expett to whe place on their ago. According to the outer only montput ado (00) Book 81 500 odas deub ? Borg to who or correct this order you doede to cook popularity of programming loguages 45 apple 1. DEFICE the costoner estephon tugare and som son strong. 3. check it the age is below 18 4. Passe an exaction ? Condition ? met e Hodle He exaption with a cell में केलिक भिक्र प्रकार निर्माण करा निर्माण करा है। कि कार्य केलिक " FORES WHO THE BURE TO LESS HOT " Ste resolver resolver son son son is to save of tops us? It "input - num = int (" enter a number:") : Redmon > mon tugo 7; न्त्रिक्ट किर्मित्र केर्निक किर्मित्र केर्निक किरमित्र केर्निक किरमित्र केर्निक किरमित्र केर्निक किरमित्र केरमित्र केरम ("sou of slots 30") to seq. cocate surality age cocaption: (" of belover ! horoso milgons 3") hora Boult: - The program has Englande of Cocopional hardling se executed

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  impost matplotab. Bydot as Ale
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PIt. boor Clarquages, popularity, colon= b)
PIT. RHE ( Popularity of Programming loguages)
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 plr. show ()
posoblem 10.2: - works a python posogoraming
to conside a pie charit of the popularity of
boodsammind radroads.
sample data
programming languages: JAVa, Python, PHP, Java
script c#, E++
Populority: 22.2, 17.6, 8.8, 8,7.4, 6.7
Alposithm:
1. coreate a 2st of programming languages & popularity
2 wate a Re chart using the matplotab about.
3. set the Ritle od legard for the pie chant.
4. Show the pie chart.
bacdow;
imposite matatoricis. Pyslot as pit
# stape 1
longuages: ('Jave', 'python', 'pHP', 'TAVA Scorept,'
 ' C#, 'c++']
popularity = [22. L, 17.6, 8.8, 8, 7.7, 6.7
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step 2

pit. Pie (Popularity, lables: byogos, output: 1.1.1

f.1. 1.')

step 3

pit. Bite (Popularity of programming laguages')

pit. 10gard (laguages, loc: "best")

#\$tep 4

pit. Show 1)

Result: Thus the poogsom use matiplotish module hon plotting is estimated and verified successfully.

