matplotlib module for plotling in matplotlib module for plotting in of the Popularity of Programming languages.

Sample data:

Programming languages: Tava, Python, PHP, Javascript, C#, C++ Popolonity 122:8, 17.6, 8.8, 7.7.6.7 mo sing popolonity of the exception sample ait put: popolarity of Programming language, coordande, oct 2017 compared to a year ago. "Howed when the input value is less off you need to guest this number input rum sint lingut ("Enter a num ber: ") ind why > why from fi sain invalid Aga exception Jak South of File 3 3 4 4 18 except Invalid Age excepted bys Agorithm: 1. Define two like for programming languages and their popularity respectively. 2. Fird the maximum popularity in lateralme, a single 3. Define a scaling factor to scale the box heighty willing a certain limit. 4. For each language and popularity pair. 5. Print chart the program for implement exceptions and ty cep randling is executed and verified successfully.

Programe install matplotlib as pit import in Cara, python, pup, Javascript, c#; c++:

arguages = (Java, python, 8.8, 8, 7.7, 6.7)

Popularity = (32.2, 17.6, 8.8, 8, 7.7, 6.7) plt. bor (ranguages, popularity, color='b') pit-title ('Populointy of programming languages) pit. Ylabel ( popularity ) pit·show() Populosity of Internation Conquege output: 10 create a list of gragramming anguages and thopula ochopt was eathfile of costs of Tie 3. Set the title and legend 1. show the Die door Python PHP Javasnipt CH C++ All in tology all talgloom troping my there art, thid, "wolfiel, ever,) a shorter (FD, F.F. 8.8. 2.F) ( e.ce) - pliabolos Pla Fie ( Espolaty ) label a language, sutapit to 1. 16.

10.2: write a Python Programming to create a pictorit of the Popularity of Programming language. Sample data:
Programming languages; Java, python, prp, Javaserpt CH, C++ (1200) [100] [10 sample output: Cut (spanson) Jairan osposi.) lodol x. 319

Cut (spanson) lodol x. 319

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Cut (spanson) lodol x. 319 Nost Danne sig P+17 . tuglio 24.8 % Algorithm: Pythor 1. execte a list of Programming languages and Populouty 2. create a rie chard using matilotlib library 3. Set the title and legend for Die chort 4. show the Pie chart. Programi import matplotlib. Pyplot as 71+ # step 1 languages = ('Jeva', 'Python', 'PHP', 'Java seript', 'CH', 'cH') Popularity = [22.2, 17.6, 8.8, 7.7, 6.7] et step2 Plt. Pie (Popolarity, labely = languages, autopet = 101.481.76)

# step3
plt. title ('popularity of Programming Languages') plt. legend (language), loc = best') # step 4 show () popularity of Programming larguages. onting: Thus the Python Program use matplottib module for Plothing is executed and Verified successful.