**Experiment 2.2**

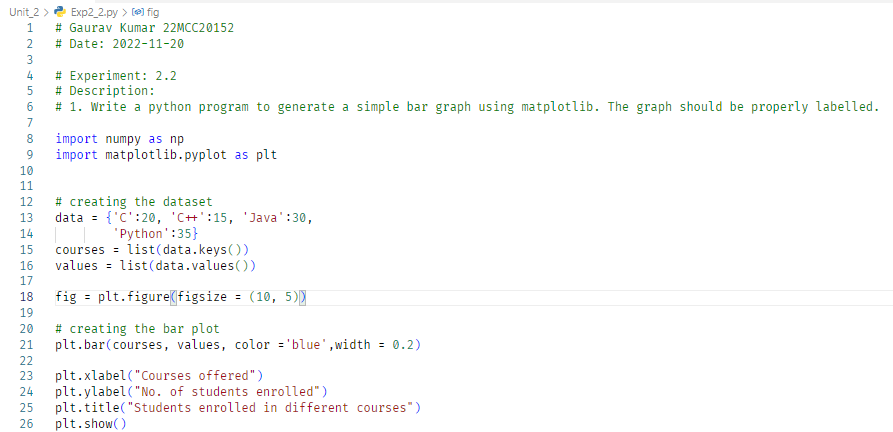
**Student Name: Gaurav Kumar                                     UID: 22MCC20177**

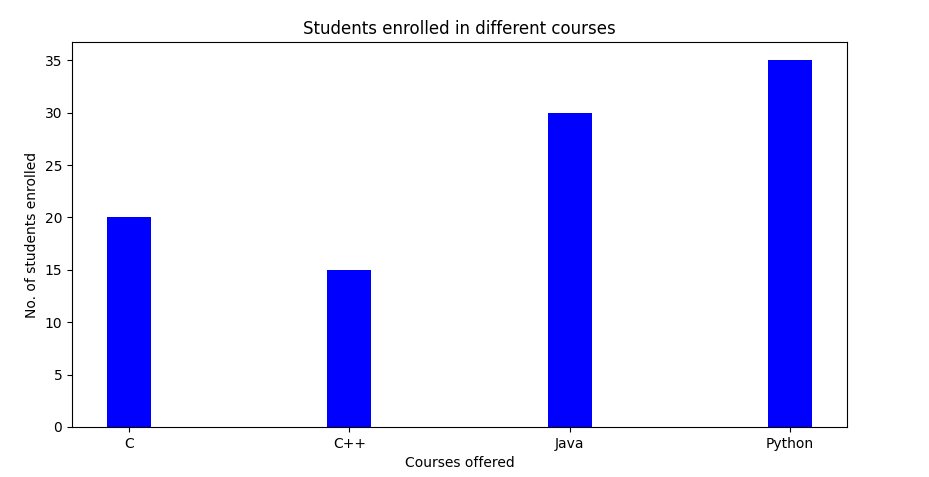
**Branch: CC-DEVOPS Section/Group : 1/B**

**Semester: 1                                                                    Date of Performance: 01/12/2022**

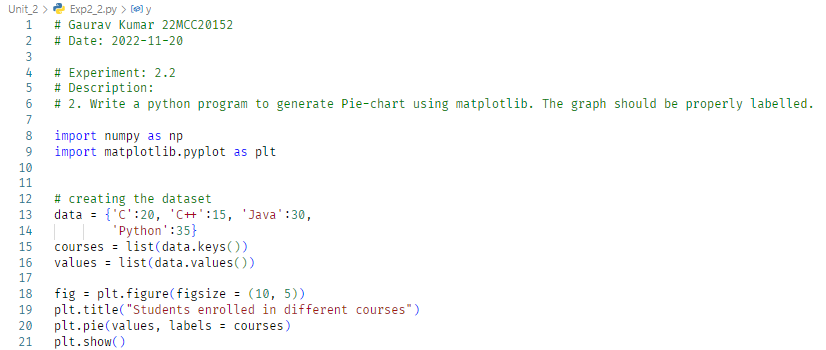
**Subject Name : Python Programming                         Subject Code: 22CAH645**

1. **Write a python program to generate a simple bar graph using matplotlib. The graph should be properly labelled.**

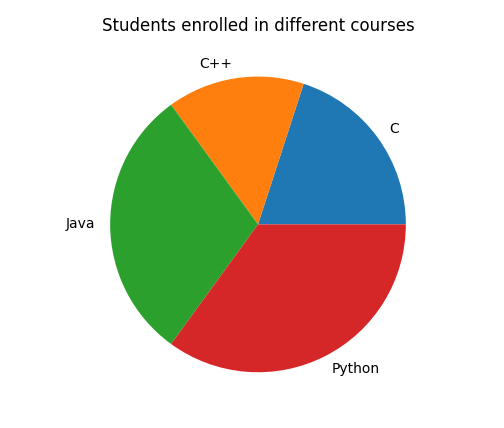
****

**Output (screenshots):**

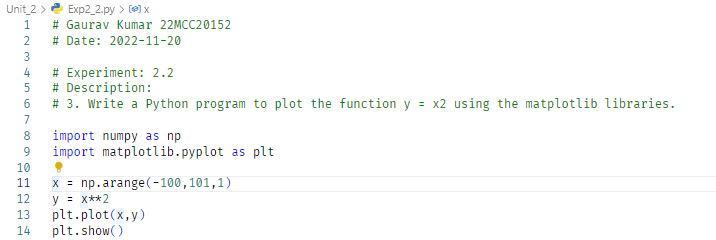
1. **Write a python program to generate Pie-chart using matplotlib. The graph should be properly labelled.**

****

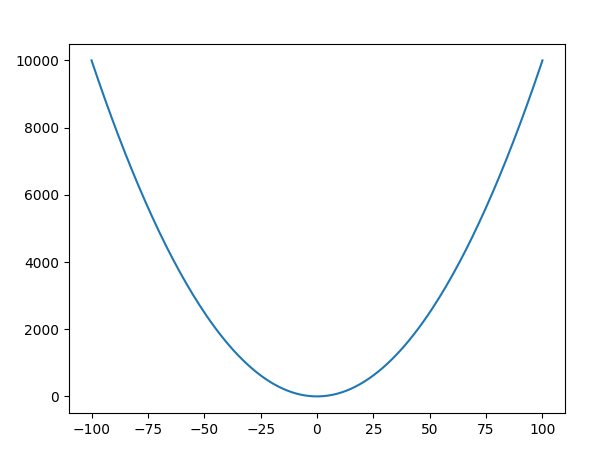
**Output (screenshots)**

****

1. **Write a Python program to plot the function y = x2 using the matplotlib libraries.**

****

**Output (screenshots)**

****

**4) Learning outcomes (What I have learnt): Times new roman 12 size**

**1. Learn about Numpy.**

**2. Learn about matplotlib**

**3. Learn about pie and bar graphs.**

**Evaluation Grid:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Parameters | Marks Obtained | Maximum Marks |
| 1. | Demonstration and Performance  (Quiz) |  | 22 |
| 2. | Worksheet |  | 8 |