NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

Machine Learning

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LAB-01 ML

SNEHA GUPTA

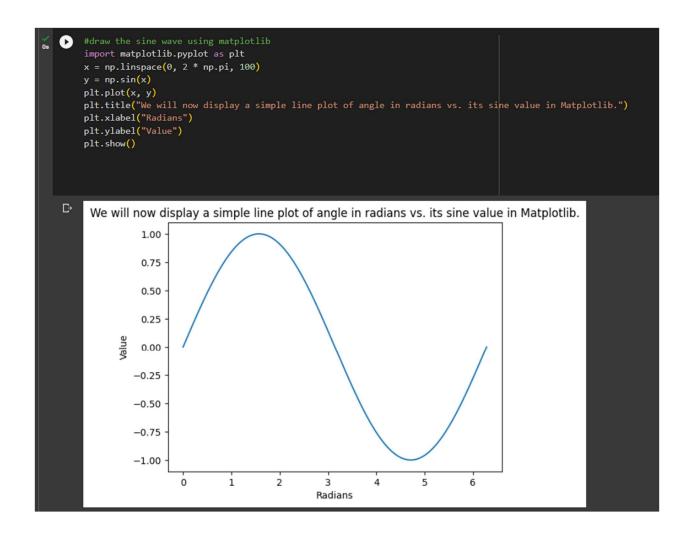
2021UCA1859

Exercise answer 1

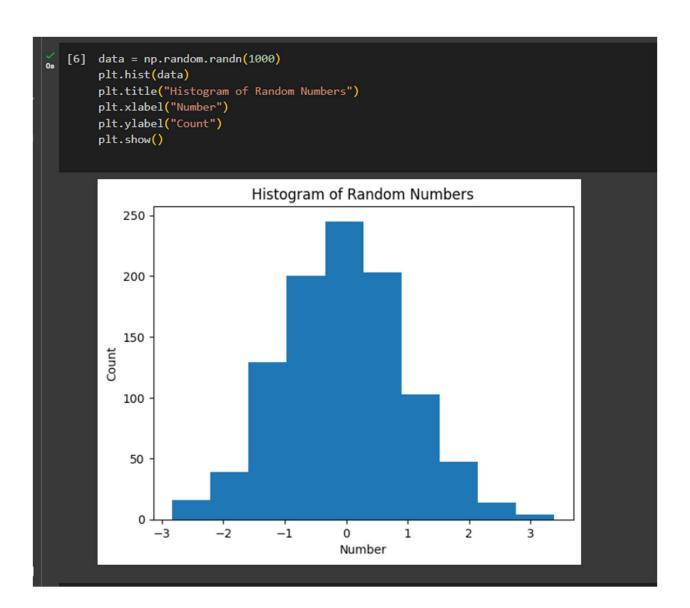
```
# Slice elements from index 1 to index 5 from the following array: [1,2,3,4,5,6,7] import numpy as np arr = np.array([1,2,3,4,5,6,7]) sarr = arr[1:6] sarr

array([2, 3, 4, 5, 6])
```

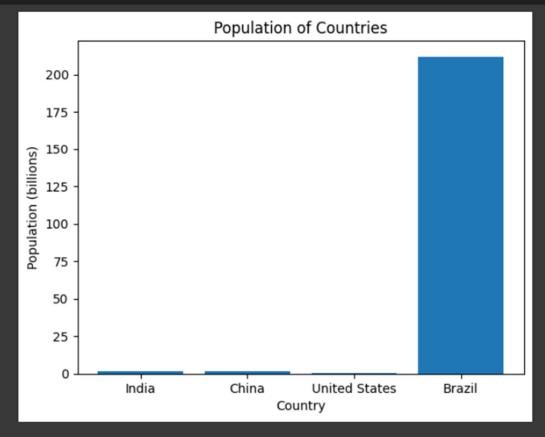
Exercise answer 2



Exercise answer 3



```
[8] countries = ["India", "China", "United States", "Brazil"]
    populations = [1.385, 1.444, 0.332, 212]
    plt.bar(countries, populations)
    plt.title("Population of Countries")
    plt.xlabel("Country")
    plt.ylabel("Population (billions)")
    plt.show()
```



```
[10] fruits = ["Apples", "Oranges", "Bananas", "Grapes"]
percentages = [50, 25, 15, 10]
plt.pie(percentages, labels=fruits)
plt.title("Fruit Consumption")
plt.show()

Fruit Consumption

Apples

Grapes

Oranges

Bananas
```

