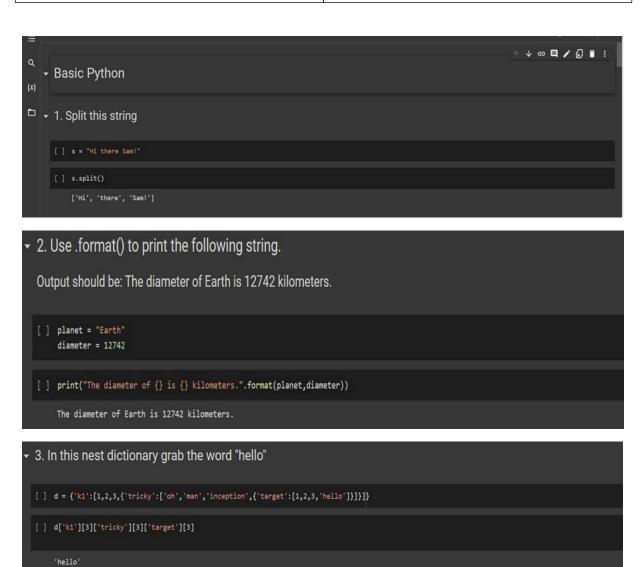
## **PYTHON PROGRAMMING**

## **ASSIGNMENT-1**

Assignment Date	13 September 2022
Student Name	Priyanka G
Student Roll Number	820419106043
Maximum Marks	2 Marks



```
    Numpy
    1 import numpy as np
    4.1 Create an array of 10 zeros?
    4.2 Create an array of 10 fives?
    2 array-ep_zeros(10) print(2array)
    An array of 10 zeros: [0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
    2 array-ep_cones(10)*5 print(2array)
    An array of 10 fives: [5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5]
    5. Create an array of all the even integers from 20 to 35
```

```
5. Create an array of all the even integers from 20 to 35
[ ] array=np.arange(20,35,2) print("Array of all the even integers from 20 to 35 ") print(array)
Array of all the even integers from 20 to 35 [20 22 24 26 28 30 32 34]
```

```
T. Concatenate a and b
a = np.array([1, 2, 3]), b = np.array([4, 5, 6])
a=np.array([1,2,3])
b=np.array([4,5,6])
np.concatenate((a,b))
[2 array([1, 2, 3, 4, 5, 6])
```

```
Pandas
* 8. Create a dataframe with 3 rows and 2 columns
[ ] import pandas as pd
ist=[["alexx",28],["alex",22],["clara",22]]
df=pd.Dataframe(list,columns=["name","age"])
print(df)
D* name age
e alexa 28
1 alice 21
2 clara 22
```