Assignment -1

Assignment Date	18 September 2022
Student Name	Saranya A
Student Roll Number	310819104075
Maximum Marks	2 Marks

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```
Basic Python

1. Split this string

In []:

s = "Hi there Sam!"

In []:

g = "Hi there Sam!"

a=s.split()
print(a)

['Hi', 'there', 'Sam!']

2. Use .format() to print the following string.

Output should be: The diameter of Earth is 12742 kilometers.

In []:

planet = "Earth"
diameter = 12742

In []:

planet = "Barth"
diameter = 12742

print("The diameter of [] is [] kilometers".format(planet,diameter));

The diameter of Earth is 12742 kilometers
```



a = np.array([1, 2, 3]), b = np.array([4, 5, 6])

```
In []:
import numpy as np
a = np.array([1, 2, 3])
b = np.array([4, 5, 6])
np. concatenate((a,b), axis=0)
Out[]:
array([1, 2, 3, 4, 5, 6])
```

Pandas

8. Create a dataframe with 3 rows and 2 columns

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