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Connecting to kernel Trusted Python 3 (pykernel)

Run Code

In [1]:
```
s="Hi there Sam!"
sss.split()
print(s);
```

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

In [2]:
```
planet = "Earth"
diameter = 12742
print( "the diameter of {} is {} kilometers." .format(planet,diameter));
```

```
The diameter of Earth is 12742 kilometers.
```

In [3]:
```
d = {'k1':[1,2,3,{'tricky':['oh','man','inception',{'target':[1,2,3,'hello']}]}]}
print(d['k1'][3]["tricky"][3]['target'][3])
```

```
hello
```

In [ ]:

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Trusted | Python 3 (ipykernel)

Run Code

In [3]:
```
import numpy as np
array=np.zeros(10)
print("An array of 10 zeros:")
print(array)
```

```
An array of 10 zeros:
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0.]
```

In [4]:
```
array=np.ones(10)*5
print("An array of 10 fives:")
print(array)
```

```
An array of 10 fives:
[5. 5. 5. 5. 5. 5. 5. 5. 5. 5.]
```

In [5]:
```
import numpy as np
array=np.arange(20,36,2)
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]
```

In [6]:
```
import numpy as np
x =  np.arange(0, 9).reshape(3,3)
print(x)
```

```
[[0 1 2]
 [3 4 5]
 [6 7 8]]
```

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Trusted | Python 3 (ipykernel)

Run Code

In [1]:
```
import numpy as np

arr1 = np.array([1,2,3])

arr2 = np.array([4,5,6])

arr = np.concatenate((arr1, arr2))

print(arr)
```

```
[1 2 3 4 5 6]
```

In [5]:
```
import pandas as pd

lists = [[1, 'aaa', 22], [2, 'bbb', 25], [3, 'ccc', 24]]


df = pd.DataFrame(lists)
df
```

Out[5]:

	0	1	2
0	1	aaa	22
1	2	bbb	25
2	3	ccc	24

In [ ]: