```
s = "Vanakkam da mapla!"
s.split()
```

```
['Vanakkam', 'da', 'mapla!']
```

```
planet = "X-460"
diameter = 12742
print("The diameter of {} is {} kilometers.". format(planet , diameter))
```

```
The diameter of X-460 is 12742 kilometers.
```

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

```
'hello'
```

```
import numpy as np
a = np.zeros(10)
a
```

```
array([0., 0., 0., 0., 0., 0., 0., 0., 0., 0.])
```

```
A = np.arange(20,35,2)
A
```

```
array([20, 22, 24, 26, 28, 30, 32, 34])
```

```
X = np.arange(0,9).reshape(3,3)
X
```

```
array([[0, 1, 2],
       [3, 4, 5],
       [6, 7, 8]])
```

```
a = np.array([1,2,3])
b = np.array([4,5,6])
np.concatenate((a,b),axis=0)
```

```
array([1, 2, 3, 4, 5, 6])
```

```
import pandas as pd
d = {"name":["aswini","swasthi","swetha"],"age":[20,20,20]}
df = pd.DataFrame(d)
df
```

	name	age
0	aswini	20

```
P = pd.date_range(start='1-1-2023',end='10-2-2023')
for val in P:
  print(val)
```

```
2023-08-05 00:00:00
2023-08-06 00:00:00
2023-08-07 00:00:00
2023-08-08 00:00:00
2023-08-09 00:00:00
2023-08-10 00:00:00
2023-08-11 00:00:00
2023-08-12 00:00:00
2023-08-13 00:00:00
2023-08-14 00:00:00
2023-08-15 00:00:00
2023-08-16 00:00:00
2023-08-17 00:00:00
2023-08-18 00:00:00
2023-08-19 00:00:00
2023-08-20 00:00:00
2023-08-21 00:00:00
2023-08-22 00:00:00
2023-08-23 00:00:00
2023-08-24 00:00:00
2023-08-25 00:00:00
2023-08-26 00:00:00
2023-08-27 00:00:00
2023-08-28 00:00:00
2023-08-29 00:00:00
2023-08-30 00:00:00
2023-08-31 00:00:00
2023-09-01 00:00:00
2023-09-02 00:00:00
2023-09-03 00:00:00
2023-09-04 00:00:00
2023-09-05 00:00:00
2023-09-06 00:00:00
2023-09-07 00:00:00
2023-09-08 00:00:00
2023-09-09 00:00:00
2023-09-10 00:00:00
2023-09-11 00:00:00
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2023-09-22 00:00:00
2023-09-23 00:00:00
2023-09-24 00:00:00
2023-09-25 00:00:00
```

```
2023-09-26 00:00:00
2023-09-27 00:00:00
2023-09-28 00:00:00
2023-09-29 00:00:00
2023-09-30 00:00:00
2023-10-01 00:00:00
2023-10-02 00:00:00
```

```
lists = [[1, 'aaa', 22], [2, 'bbb', 25], [3, 'ccc', 24]]
df = pd.DataFrame(lists)
df
```

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

✓ 0s completed at 10:48 AM