



Commands + Code + Text ▶ Run all



```
12345
12345
12345
12345
12345
```



```
import math
print(math.sqrt(25))
print(math.factorial(5))
print(math.pi)
```



```
5.0
120
3.141592653589793
```



```
import random
print(random.randint(1,10))
print(random.choice([10,20,30]))
```



```
2
30
```

Show/hide output



```
import datetime
today=datetime.date.today()
print(today)
```



```
2026-02-05
```



```
import numpy as np
arr=np.array([10,20,30, 40])
print(arr)
```



```
[10 20 30 40]
```



```
arr=np.zeros(5)
print(arr)
arr=np.ones(6)
print(arr)
arr=np.linspace(1,10,5)
print(arr)

[0.  0.  0.  0.  0.]
[1.  1.  1.  1.  1.  1.]
[ 1.   3.25  5.5   7.75 10.   ]
```



```
arr=np.array([10,20,30,40])
print(arr.ndim)
print(arr.shape)
print(arr.size)
print(arr.dtype)
```



```
1
(3,)
3
float64
```

[7]
✓ 0s

```
import numpy as np
data=np.loadtxt("/content/marks_data.csv",delimiter=",",skiprows=1)
print(data)
```



```
[[ 1. 78.]
 [ 2. 85.]
 [ 3. 90.]
 [ 4. 66.]
 [ 5. 88.]]
```