



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
```

```
[ ] 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. 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.]]
```