



Untitled18.ipynb



RAM



Disk

[1]
✓ 0s

```
import math
print(math.sqrt(4))
print(math.factorial(5))
print(math.pi)
```



```
2.0
120
3.141592653589793
```





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RAM

Disk



[1]

✓ 0s



```
import math
print(math.sqrt(4))
print(math.factorial(5))
print(math.pi)
```



```
... 2.0
    120
    3.141592653589793
```

[19]

✓ 0s

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



```
9
10
```

[17]

✓ 0s

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



```
2026-02-05 04:59:12.599038
```

[4]

✓ 0s

```
import os
print(os.getcwd())
```



```
/content
```

[5]

✓ 0s

```
import sys
print(sys.version)
```



```
3.12.12 (main, Oct 10 2025, 08:52:57)
```

[6]

✓ 0s

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



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





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RAM

Disk



... [10 20 30 40]



[7]

✓ 0s

```
np.zeros(5)
np.ones(3)
```



```
array([1., 1., 1.])
```

[9]

✓ 0s

```
np.arange(1,10)
```



```
array([1, 2, 3, 4, 5, 6, 7, 8, 9])
```

[10]

✓ 0s

```
np.linspace(1,10,5)
```



```
array([ 1. ,  3.25,  5.5 ,  7.75,
        10.  ])
```

[16]

✓ 0s

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



```
1
(3,)
3
int64
```

[]





Untitled18.ipynb



+ <>



+ TT



RAM



Disk



[16]

✓ 0s

```
print(arr.shape)
print(arr.size)
print(arr.dtype)
```



```
1
(3,)
3
int64
```



[20]

✓ 0s



```
arr=np.array([10,20,30,40])
print(arr[0])
print(arr[-1])
```



```
... 10
     40
```

