```
import numpy as np
y=np.array([[1,2],[3,4]])
print(y.min())
print(y.max())
print(y.argmin())
print(y.argmax())
print(np.any([True, False, False ]))
a=np.zeros((50,50))
print(np.any(a!=0))
        False
x=np.arange(1,10)
print(np.mean(x))
print(np.median(x))
y=np.array([[1,2,3],[4,5,6]])
print(np.mean(y,axis=0))
print(np.mean(y,axis=1))
print(np.std(x))
        [2.5 3.5 4.5]
[2. 5.]
2.581988897471611
data = np.loadtxt("/content/allpha.txt")
print(data)
data.shape
        [[1.23455668e+13 3.45600000e+03]
[1.23440000e+04 2.17676000e+05]
        [1.23340000e+04 3.21400000e+03]
[2.34500000e+03 2.13000000e+02]]
        (4, 2)
from IPython.display import Image
Image("/content/burger.jpg")
```



```
a=np.tile(np.arange(0,40,10),(3,1))
print(a)
print("*"*100)
```

print(a)

[[0 0 0] [10 10 10] [20 20 20] [30 30 30]]

b=np.array([0,1,2]) print(b)

print(c)

[[0 1 2] [10 11 12]

```
[20 21 22]
[30 31 32]]

a=np.arange(0.40,10)
print(a.shape)
a=d; np.araxis]
print(a.shape)

(4, )
(4, 1)

a=np.aray([[1.2.3],[4.5.6]])
print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a.print(a
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