In [1]:

```
print("hello python")
```

```
hello python
```

In [2]:

```
a=int(input())
b=int(input())
print(a+b)
print(b/a) # float divison
print(b//a) # floor divison
```

```
8
16
24
2.0
2
```

In [3]:

```
base=int(input("enter base value"))
height=int(input("enter height value"))
Area=1/2*base*height
print("Area of triangle:", Area)
```

```
enter base value9
enter height value8
Area of triangle: 36.0
```

In [8]:

```
a=3
b=5
c=a
a=b
b=c
print(a)
print(b)
```

```
5
3
```

In [16]:

```
import numpy as np
import random
np.random.randint(10,100)
np.random.random(100)

```

Out[16]:

```
array([0.2751706 , 0.28930135, 0.56634693, 0.27764866, 0.08515385,
       0.31607144, 0.59061507, 0.82333213, 0.41421577, 0.48901572,
       0.55642879, 0.82399595, 0.19543388, 0.18033422, 0.55116947,
       0.07433965, 0.33308256, 0.54350064, 0.30479386, 0.66776408,
       0.97297666, 0.1939777 , 0.13360146, 0.17454383, 0.86312297,
       0.08722398, 0.76099838, 0.80394298, 0.00804414, 0.05117387,
       0.9717449 , 0.21222922, 0.05638331, 0.06945356, 0.85558588,
       0.25962687, 0.74650182, 0.72173849, 0.64877273, 0.1588349 ,
       0.17180227, 0.97503963, 0.9953803 , 0.90332205, 0.88157784,
       0.67639291, 0.72457694, 0.4316525 , 0.1857073 , 0.18227641,
       0.92002812, 0.75287195, 0.82463638, 0.52396838, 0.6823106 ,
       0.99065161, 0.68196919, 0.59338885, 0.39536664, 0.63459554,
       0.81925758, 0.64180858, 0.76707974, 0.15396897, 0.28864459,
       0.32323161, 0.51735981, 0.82729629, 0.7747864 , 0.24848236,
       0.88835366, 0.23884567, 0.4223623 , 0.35574077, 0.84839237,
       0.33611241, 0.38298115, 0.87393341, 0.90251224, 0.20955105,
       0.09356613, 0.50466322, 0.04097337, 0.34694149, 0.52431261,
       0.94225974, 0.02273626, 0.26880691, 0.70053867, 0.61120897,
       0.22940841, 0.35098935, 0.01134652, 0.82410003, 0.65941486,
       0.34836564, 0.99903878, 0.94860974, 0.59550785, 0.72597821])
```

In [15]:

```
1 np.random.ranf(100)
```

Out[15]:

```
array([0.67932915, 0.81269968, 0.47632939, 0.43758254, 0.08097566,
       0.5303565 , 0.04738549, 0.0919549 , 0.81367385, 0.10638777,
       0.33138597, 0.58172312, 0.03106266, 0.27406077, 0.27993489,
       0.14079814, 0.16223288, 0.27034293, 0.33179604, 0.10613911,
       0.38145604, 0.34482912, 0.32854566, 0.52300246, 0.35201627,
       0.35013097, 0.55266835, 0.20679682, 0.04129298, 0.20821651,
       0.53822362, 0.44938191, 0.76527378, 0.43968361, 0.76652822,
       0.04227818, 0.88367503, 0.3315864 , 0.24538899, 0.40818701,
       0.91291396, 0.8463623 , 0.79646767, 0.07308741, 0.17364035,
       0.7924323 , 0.3699686 , 0.31643944, 0.54947059, 0.4717107 ,
       0.77945539, 0.68739601, 0.94170214, 0.04645433, 0.78960232,
       0.94903274, 0.48614287, 0.88509191, 0.58624703, 0.45366103,
       0.29864702, 0.077964  , 0.58332777, 0.33424068, 0.71982381,
       0.13371316, 0.18255578, 0.81341292, 0.53055675, 0.70939567,
       0.6903916 , 0.40169895, 0.13662716, 0.89608275, 0.38735972,
       0.1210262 , 0.32617524, 0.72242279, 0.29492266, 0.19612176,
       0.38404334, 0.55821205, 0.24222664, 0.85254946, 0.84135416,
       0.91700732, 0.01593432, 0.2367287 , 0.49143785, 0.77000815,
       0.78645105, 0.55250151, 0.17578306, 0.5765121 , 0.80096628,
       0.29065688, 0.52257024, 0.02706029, 0.1786177 , 0.14964068])
```

In [ ]:

```
1
```