

#December 29 2025

```
a=2  
b=5  
print("Multiplication:",a*b)  
print("Division:",a/b)  
print("Floor Division:",a//b)
```

... Multiplication: 10
Division: 0.4
Floor Division: 0

```
set={"V","C","A"}  
print(set)  
{'V', 'C', 'A'}
```

```
s={"name":"meena","age":20}  
print(s)
```

{'name': 'meena', 'age': 20}

```
pi=3.14  
r=2  
print("Area of Circle:",pi*r*r)
```

Area of Circle: 12.56

```
units=200  
prize=5  
print("Bill=",units*prize)
```

Bill= 1000

```
a=5  
print(not(a))
```

False

▶ a=11
print ("Given number lies between 10,20",a>10 and a<20)
... Given number lies between 10,20 True

```
a=1234  
n=a%10  
print(n%2==0)
```

True

```
a=1234  
print(a>10 and (a%10)%2==0)
```

True

```
print(not(25<10))
```

True

```
▶ p=100  
t=5  
r=20  
si=p*t*r//100  
print(si)
```

... 100

```
M1=10  
M2=20  
M3=10  
M4=15  
Avg=(M1+M2+M3+M4)//4  
print(Avg)
```

13

```
▶ a=2  
b=3  
print(a**b)
```

... 8

```
a=int(input("Enter a number"))
b=int(input("Enter b number"))
print("sum",a+b)
print("diff",a-b)
print("product",a*b)
print("division",a/b)
print("floor division",a//b)
print("Exponentiation",a**b)
```

```
... Enter a number10
Enter b number20
sum 30
diff -10
product 200
division 0.5
floor division 0
Exponentiation 10000000000000000000
```

```
a=int(input("Enter a number"))
b=int(input("Enter b number"))
print(a>b and b<a)
print(a>b or b<a)
print(not a==b)
```

```
Enter a number3
Enter b number4
False
False
True
```

```
S="h"  
print(S)
```

h

```
a=1000  
b=1000  
print (a is b)
```

False

▶

```
print("g",end="")  
print("h")  
print("i")
```

... gh
I



```
M1=int(input("Enter M1 marks"))
M2=int(input("Enter M2 marks"))
M3=int(input("Enter M3 marks"))
print(M1>=35 and M2>=55 or M3>=35)
```

```
...
*** Enter M1 marks23
Enter M2 marks21
Enter M3 marks24
False
```

```
for i in range(2,51,2):
    print(i,end=" ")
```

```
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
```