



#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

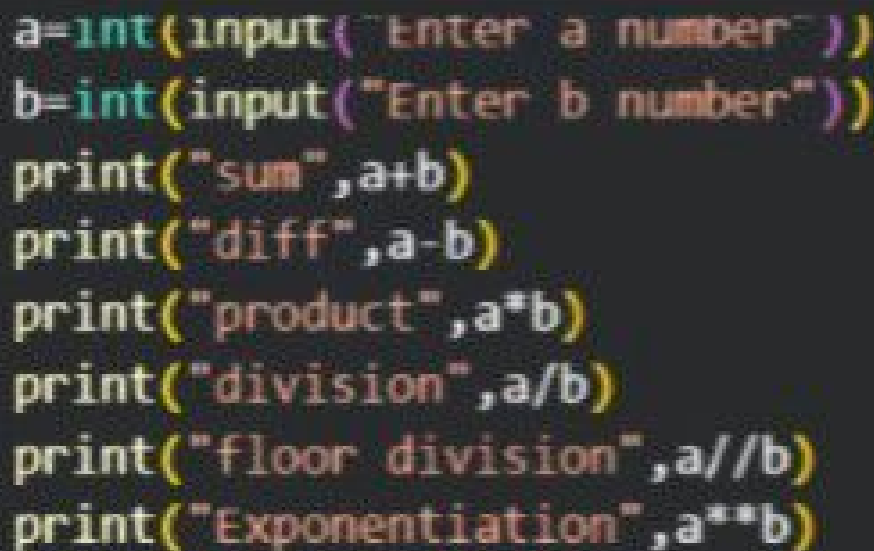
```
M1=10  
M2=20  
M3=10  
M4=15  
Avg=(M1+M2+M3+M4)//4  
print(Avg)
```

13



```
a=2  
b=3  
print(a**b)
```

... 8



```
... Enter a number10  
Enter b number20  
sum 30  
diff -10  
product 200  
division 0.5  
floor division 0  
Exponentiation 1000000000000000000000
```

```
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
```