

[ ]



```
a=11  
b=2  
c=a//b  
print("Division:",a//b)
```

▼

... Division: 5



[ ]

```
set={"red","green","blue"}  
print(set)  
print(type(set))
```

▼

{'blue', 'red', 'green'}  
<class 'set'>

[ ]

```
stud={"name":"kavya","class"  
print(stud)  
print(type(stud))
```

▼

{'name': 'kavya', 'class':  
<class 'dict'>

[ ]

```
pi=3.14  
r=4  
print("Area of circle:",pi*r)
```

▼

Area of circle: 50.24

[ ]

```
print(25>10 and 35>10)
```

✓

True

[ ]

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

✓

True

[ ]

```
print(25>10 or 35>10)
```

✓

True

[ ]

```
p=1000
```

```
t=6
```

```
r=3
```

```
SI=p*t*r/100
```

```
print("SimpleInterest:",SI)
```

✓

SimpleInterest: 180.0

[ ]

```
sub1=40
```

```
sub2=30
```

```
sub3=20
```

```
sub4=25
```

```
average=(sub1+sub2+sub3+sub4)/4
```

```
print("Average:",average)
```

✓

Average: 28.75

[ ]

```
a=10  
b=5  
exp=10**5  
print("A Power b is:",exp)
```

✓

A Power b is: 100000

[ ]

```
units=50  
unitprice=10  
Totalbill=units*unitprice  
print("Total bill is:",Total
```

✓

Total bill is: 500

[ ]

```
num=5  
print(num>0)
```

✓

True

[ ]

```
a=5  
b=5  
print(a=
```

✓

True

[ ]

```
a=15  
print(1<a<100)  
print("given number lies bet
```

✓

True

given number lies between

[ ]

```
n=1528  
print((n % 10) % 2 == 0)
```

✓

True



[ ]



↑ ↓ ⚡ 🗑️ :

```
a=int(input("enter first number"))
b=int(input("enter second number"))
c=int(input("enter third number"))
d=int(input("enter fourth number"))
if(a>b and a>c and a>d):
    print("a is big")
elif(b>a and b>c and b>d):
    print("b is big")
elif(c>a and c>b and c>d):
    print("c is big")
else:
    print("d is big")
```

▼

... enter first number6  
enter second number10  
enter third number18  
enter fourth number8  
c is big

[ ]



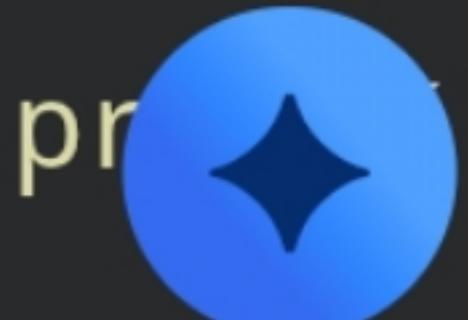
```
marks=int(input("enter marks\nif(marks<0 or marks>100):\n    print("Invalid Marks")\nelif(marks >=90):\n    print("Grade A")\nelif(marks >=75):\n    print("Grade B")\nelif(marks >=60):\n    print("Grade C")\nelif(marks>=40):\n    print("Grade D")\nelse:\n    print("fail")
```

▼

... enter marks:101  
Invalid Marks

[ ]

```
a=int(input("enter first sid\nb=int(input("enter second si\nc=int(input("enter third sid\nif a+b>=c and b+c>=a and c+a\n    if a==b and b==c and a==c\n        print("equilateral tri\n    elif a==b or b==c or a==c\n        print("isosceles trian\n    else:\n        print("scalene triangl\nelse:\n    print("invalid triangl
```



✓

```
enter first side0
enter second side1
enter third side2
invalid triangle
```

[ ]

```
sal=int(input("enter salary:
exp=int(input("enter years o
if(sal<20000 and exp>=2):
    bonus=sal*10/100
    print("Bonus=",bonus)
    print("AfterBonus=",sal+bo
elif(sal>=20000 and exp>=5):
    bonus1=sal*20/100
    print("Bonus=",bonus1)
    print("AfterBonus",sal+bon
else:
    print("no bonus")
```

✓

```
enter salary:15000
enter years of experience:
Bonus= 1500.0
AfterBonus= 16500.0
```

[ ]

```
num=int(input("enter a number
if num%3==0 and num%5!=0:
    print("The number is speci
else:
    print(" not a special numb
```

enter a number:11  
not a special number

[ ]

```
hour=int(input("enter an hour"))
if hour>=5 or hour<=11:
    print("Good Morning")
elif hour>=12 or hour<=16:
    print("Good Afternoon")
elif hour>=17 or hour<=20:
    print("Good Evening")
else:
    print("Good night")
```

▼

enter an hour:8  
Good Morning

[ ]

```
a=int(input("enter first number"))
b=int(input("enter second number"))
c=int(input("enter third number"))
if a>b and a<c or a>c and a<b:
    print("a is middle number")
elif b>c and b<a or b>c and b<a:
    print("b is middle")
else:
    print("c is middle")
```

▼

enter first number10  
enter second number20  
enter third number30  
c is middle

[ ]



```
N=int(input("Enter a number:\n"))
i=1
while i<=N:
    print(i)
    i+=1
```

▼

... Enter a number:10

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

```
[ ]
```

```
i=2  
n=int(input("Enter a number:"))  
while i<=n:  
    if n%2==0:  
        print(i)  
    i+=2
```

▼

```
Enter a number:10  
2  
4  
6  
8  
10
```

```
[ ]
```

```
i=1  
n=int(input("Enter n:"))  
sum=0  
while i<=n:  
    sum+=i  
    i+=1  
print(sum)
```

▼

```
Enter n:10  
55
```

```
[ ]
```

```
for i in range(2,10):  
    print(i)
```

▼

2  
3  
4  
5  
6  
7  
8  
9

```
[ ]
```

```
for i in range(1,11):  
    print(i)
```

▼

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

```
[ ]
```

```
for i in range (3,31,3):  
    print(i)
```

▼

```
3  
6  
9  
12  
15  
18  
21  
24  
27  
30
```

```
[ ]
```

```
array=['a','b','c','d','e']  
for ch in array:  
    print(ch)
```

▼

```
a  
b  
c  
d  
e
```

```
[ ]
```

```
for i in range(10,0,-1):  
    print(i)
```

✓

```
10  
9  
8  
7  
6  
5  
4  
3  
2  
1
```

```
[ ]
```

```
num=356  
while num>=10:  
    num%=10  
    print("last digit:",num)
```

✓

```
last digit: 6
```

```
[ ]
```

```
n=356  
q=n//10  
print(q)
```

✓

```
35
```

```
[ ]
```

```
n=3456  
count=0
```



[ ]

```
n=3456  
count=0  
while n>0:  
    count+=1  
    n/=10  
print(count)
```

▼

4

[ ]

```
n=356  
sum=0  
while n>0:  
    sum += n % 10  
    n=n//10  
print(sum)
```

▼

14

[ ]

```
n=1234  
rev=0  
while n>0:  
    temp=n % 10  
    rev= rev * 10 + temp  
    n // 10  
print(rev)
```

▼

4321

```
[ ]
```

```
for i in range(1,11):  
    if i==5:  
        break  
    print(i)
```

✓

5

```
[ ]
```

```
for i in range(1,11):  
    if i==5:  
        con  
    print(i)
```

[ ]



```
def program():
    print("welcome to python p
program()
program()
program()
```

▼

... welcome to python programm
welcome to python programm.
welcome to python programm.

[ ]

```
def add(a,b):
    c=a+b
    return c
print(add(10,20))
```

▼

30

[ ]

```
def EvenOdd(m):
    if m%2==0:
        return "Even"
    else:
        return "Odd"
```

EvenOdd(17)

▼

'Odd'



```
[ ]
```

```
def square(a):  
    return a**2  
square(20)
```

✓

```
400
```

```
[ ]
```

```
def studentdetails(name,age,  
                  marks)  
    return(name,age,marks)  
studentdetails("kavi",21,90)
```

✓

```
('kavi', 21, 90)
```



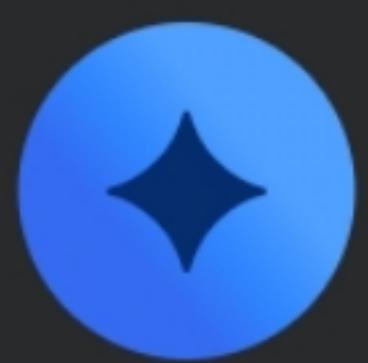
```
[ ]
```



```
def factorial(n):  
    if n==0:  
        return 1  
    else:  
        return n* factorial(n-1)  
print(factorial(5))
```

✓

```
... 120
```



[ ]



```
name="kavya"  
for char in name:  
    print(char)
```

▼

```
...   k  
      a  
      v  
      y  
      a
```

[ ]

```
name="kavya"  
print(name[::-1])  
print(name[:3])  
print(name[3:])  
print(name[:])
```

▼

```
ayvak  
kav  
ya  
kavya
```

[34]

```
n="python"  
print(len(n))  
print(min(n))  
print(max(n))
```

✓

```
6  
h  
y  
PYTHON
```

[41]

✓ 1s

```
n="python"  
print(n.upper())  
print(n.capitalize())  
print(n.title())
```

✓

```
PYTHON  
Python  
Python
```