

```
[ ] ➤ a=10  
      b=20  
      c=a*b  
      print("Multiplication:",c)
```

```
✗ ... Multiplication: 200
```

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

```
✗ Division: 5
```

```
[ ] set={"red","green","blue","yellow"}  
print(set)
```

```
✗ {'red', 'blue', 'green', 'yellow'}
```

```
[ ] set=("red","green","blue","yellow")  
print(set)
```

```
✗ ('red', 'green', 'blue', 'yellow')
```

```
[ ] student={"name":"Sai", "group": "BCA", "Branch": "CS"}  
print(student)
```

```
✗ {'name': 'Sai', 'group': 'BCA', 'Branch': 'CS'}
```

```
[ ] Start coding or generate with AI.
```

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Connect ▾ ^

[]



pi=3.14

r=2

print("Area of circle:",pi*r*r)



▼

... Area of circle: 12.56

[]



```
p=1200  
t=12  
r=2  
print("Simple Interest:",p*t*r/100)
```

▼

```
... Simple Interest: 288.0
```

[]

```
p=1200  
t=12  
r=2  
SI=p*t*r/100  
print(SI)
```

▼

```
288.0
```

[]

```
S1=90  
S2=80  
S3=85  
S4=78  
Avg=(S1+S2+S3+S4)/4  
print("Average:",Avg)
```

▼

```
Average: 83.25
```

```
[ ] a=15
b=5
Power=15**5
print("A Power B is:",Power)
```

▼ A Power B is: 759375

```
[ ] Unit=150
Unitprice=5
print("Total bill:",Unit*Unitprice)
```

▼ Total bill: 750

```
[ ] n=10
print(n>0)
```

▼ True

```
[ ] n=10
print(n<0)
```

▼ False

```
[ ] a=15
output=a<20 and a>10
print("given number lies between 10,20:", output)
```

▼ given number lies between 10,20: True

```
[ ] a=5
output=a<20 and a>10
print("given number lies between 10,20:", output)
```

▼ given number lies between 10,20: False

```
[ ] a=55
print("Given Number lies between 1 and 100:",1<a<100)
```

▼ Given Number lies between 1 and 100: True

```
[ ] h=3568
print((n%10)%2==0)
```

▼ ... True

[]

```
▶ a=int(input("Enter any integer:"))
  b=int(input("Enter any integer:"))
  c=int(input("Enter any integer:"))
  d=int(input("Enter any integer:"))
  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")
  else:
      print("c is big")
```

▼ ... Enter any integer:100
Enter any integer:20
Enter any integer:80
Enter any integer:25
a is big



```
sal=int(input("Enter Salary:"))
exp=int(input("Enter experience:"))
if sal<20000 and exp>=2:
    Bonus1=sal/100*10
    print("Bonus:",Bonus1)
    print("Total Salary:",Bonus1+sal)
elif sal>=20000 and exp>=5:
    Bonus2=sal/100*20
    print("Bonus:",Bonus2)
    print("Total Salary:", Bonus2+sal)
else:
    print("no bonus")
```

... Enter Salary:25000
Enter experience:5
Bonus: 5000.0
Total Salary: 30000.0

[]

```
▶ age = int(input("Enter age: "))
  is3D = int(input("Is it 3D movie? (1=yes, 0=no): "))

  if age < 13:
    price = 150
  elif age <= 59:
    price = 250
  else:
    price = 200

  if is3D == 1:
    price += 50

print("Final Ticket Price:", price)
```

[]



a=10

b=20

```
print(a<15 and b>15)
```

▼

... True



```
[ ]
```



```
i=1
while i<=10:
    print(i)
    i+=1
```

```
▼
```

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

```
[ ]
```

```
i=1
n=15
while i<=n:
    print(i)
    i+=1
```

```
▼
```

```
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
```

```
[ ]
```

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

```
▼
```

```
Enter number10
2
4
6
8
10
```

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

print("Final Sum:", sum)
```

▼

```
Enter number: 10
```

```
1
1
2
3
3
6
4
10
5
15
6
21
7
28
8
36
9
45
10
55
```

```
Final Sum: 55
```

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

Enter number20

1
3
6
10
15
21
28
36
45
55
66
78
91
105
120
136
153
171
190
210



for i in range(3,33,3):
 print(i)

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

Above are multiples of 3

```
[ ]
```

```
▶ for i in range(3,33,3):  
    print(i)
```

▼

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

```
[ ]
```

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

▼

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

```
[ ]
```

```
w="Deepthi"  
for ch in w:  
    print(ch)
```

▼

```
D  
e  
e  
p  
t  
h  
i
```

Untitled19.ipynb...

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

Enter number10

1
3
6
10
15
21
28
36
45
55

```
[ ] for i in range(5,10):  
    print(i)
```

▼
5
6
7
8
9

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

▼
1
2
3
4
5
6
7
8
9
10

```
[ ] n=int(input("Enter a number:"))
if n%3==0 and n%5!=0:
    print("It is special number")
else:
    print("It is not special number")
```

▼ Enter a number:11
It is not special number

[5] ✓ 17s

```
▶ t = int(input("Enter time: "))
if t >= 0 and t <= 23:
    if t >= 5 and t <= 11:
        print("Good Morning")
    elif t >= 12 and t <= 16:
        print("Good Afternoon")
    elif t >= 17 and t <= 20:
        print("Good Evening")
    else:
        print("Good Night")
else:
    print("Invalid time")
```

▼ ... Enter time: 10
Good Morning

[]



```
a=int(input("Enter a number:"))
b=int(input("Enter a number:"))
c=int(input("Enter a number:"))
if(a<b and a>c) or (a<c and a>b):
    print("Middle number:",a)
elif(b>a and b<c) or (b>c and b<a):
    print("Middle number:",b)
else:
    print("Middle number:",c)
```



... Enter a number:20
Enter a number:60
Enter a number:40
Middle number: 40

```
[ ]
```

```
n=int(input("Enter number"))
print("last digit ",n % 10)
```



```
Enter number356
last digit 6
```



```
[ ]
```



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



```
... 4
```

```
[ ]
```

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



```
14
```

```
[ ]
```

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



```
14
```



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[]

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

4321

```
s="Sai Deepthi"  
for char in s:  
    print(char)
```

S
a
i

D
e
e
p
t
h
i

```
s="saideepthi"  
print(max(s))  
print(min(s))  
print(len(s))
```

t
a
10

```
s="Sai Deepthi"  
for char in s:  
    print(char,end=" ")
```

S a i D e e p t h i

```
|s="Sai Deepthi"  
|print(s[::-1])  
|print(s.upper())  
|print(s.lower())  
|print(s.title())  
|print(s.capitalize())
```

ihtpeeD iaS
SAI DEEPTHI
sai deepthi
Sai Deepthi
Sai deepthi

[11]

✓ 0s

▶ import csv
with open("students.csv","r") as file:
 reader=csv.reader(file)
 for row in reader:
 print(row)

▼

... ['Sno', 'Full Name', 'Admission No', 'Branch']
['1', 'Abbisetty Harshitha ', '19709', 'BSC']
['2', 'Akumalla Kumari ', '19760', 'BSC']
['3', 'Alpuri Sri lakshmi ', '19842', 'BSC']
['4', 'ALUR GURUPRASAD ', '20215', 'BCom']
['5', 'Amarachinta Akhila ', '20170', 'BCom']
['6', 'Amreena Muskan ', '19843', 'BSC']
['7', 'Anumalaguthi Venkata Sai Deepthi', '19887', 'BCA']
['8', 'Anumula Chaithanya ', '20522', 'BSC']
['9', 'Aqsa Shereen', '19888', 'BCA']
['10', 'Arwety Sailokesh ', '19860', 'BSC']