

```
[ ]  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.

+ <> ▾ + 

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>b):
    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



+ <> ▼ + T

Connect ▼ ^

[]

```
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())
```

iehtpeeD iaS
SAI DEEPTHI
sai deepthi
Sai Deepthi
Sai deepthi

[11]

✓ Os



```
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']
```