```
print("hello")
```

```
    hello
```

```
a=10
b=20
print(a+b)
print(a*2)
```

```
    30
    20
```

```
a="hello"
print(type(a))
```

```
    <class 'str'>
```

```
a=10
print(type(a))
```

```
    <class 'int'>
```

```
l=[1,2,3,4,"hello"]
print(l)
```

```
    [1, 2, 3, 4, 'hello']
```

```
t=(20,"hello")
print(type(t))
```

```
    <class 'tuple'>
```

Saving...

```
}
print(d['2'])
print(type(d))
```

```
    akash
    <class 'dict'>
```

```
n1=int(input("enter the value 1:"))
n2=int(input("enter the value2:"))
opr=input("enter the opr:+,-,*,/")
if opr=='+':
  print(n1+n2)

elif opr=='-':
```

```
  print(n1-n2)
elif opr=='*':
  print(n1*n2)
elif opr=='/':
  print(n1/n2)
else:
  print("invalid")
```

```
   enter the value 1:5
   enter the value2:7
   enter the opr:+,-,*,//
   0.7142857142857143
```

```
n=int(input("enter the value:"))
if (n%2==0):
  print(n,"even number")
else:
  print(n,"0dd number")
```

```
   enter the value:12
   12 even number
```

```
a=200
b=33
c=500
if a>b and c>a :
  print("both conditions are true")
```

```
   both conditions are true
```

```
a=200
b=33
c=500
if a>b or a>c:
  print("atleast one condition are true")
```



```
rue
```

```
tvalue=int(input("enter the value:"))
i=1
while i<11:
    print(tvalue*i)
    i+=1
```

```
   enter the value:5
   5
   10
   15
   20
   25
   30
   35
```

```
        40
        45
        50


    total=0
    i=1
    while i<100:
      if(i%2==0):
        total=total+i
      i=i+1
      print(total)
        420
        462
        462
        506
        506
        552
        552
        600
        600
        650
        650
        702
        702
        756
        756
        812
        812
        870
        870
        930
        930
        992
        992
        1056
        1056
        1122
        1122
        1190
        1260
        1332
        1332
        1406
        1406
        1482
        1482
        1560
        1560
        1640
        1640
        1722
        1722
        1806
        1806
        1892
        1892
        1980
```

Saving...

```
1980
2070
2070
2162
2162
2256
2256
2352
2352
2450
2450
```

```
i=1
while i<=10:
  if i==5:
    break
  print(i)
  i=i+1
```

```
1
2
3
4
```

```
a=0
while a<=10:
  a=a+1
  if a==5:
    continue
  print(a)
```

```
1
2
3
4
6
7
8
```

Saving...

```
h="hello students"
print("h[4]",h[4])

print("h[7]",h[7])
print("h[-1]",h[-1])

print("h[0:3]",h[0:3])
print("h[0:-3]",h[0:-3])
```

```
h[4] o
h[7] t
h[-1] s
h[0:3] hel
h[0:-3] hello stude
```

```
h="welcome"
t=len(h)
print(t)
for a in range(t):
  print(h[a])
```

```
7
w
e
l
c
o
m
e
```

```
def reverse(string):
  c=0
  string1=string[::-1]
  h=len(string)
  for a in range(h):
    if (string[a]==string1[a]):
      c=c+1
  return c

s="mmohitomm"
print(reverse(s))
```

```
7
```

```
def sum(a,b):
  print(a+b)
sum(20,10)
sum(40,20)
```

```
30
```



```
def sum(a,b=1):
  print(a+b)

sum(20)
sum(40,20)
```

```
21
60
```

```
def square(x):
  return x*x,x*2
square(2)
```

```
(4, 4)
```

```
import math
x=12.8
print(math.ceil(x))
x=81
print(math.sqrt(x))
```

```
13
9.0
```

```
class DemoClass:
  a=10
demoobject=DemoClass()
demoobject1=DemoClass()
print(demoobject.a)
print(demoobject1.a)
```

```
10
10
```

```
class DemoClass:
  a=10
  def sumvalue(self):
    print(20+30)
tania=DemoClass()
tania1=DemoClass()
print(tania.a)
print(tania1.a)
tania.sumvalue()
```

```
10
10
50
```

```
class A:
  def displayA(self):
```



```
    print("welcome to jiet B")
class C(B):
  def displayC(self):
    print("welcome to jiet C")
obj=C()
obj.displayA()
obj.displayB()
obj.displayC()
```

0s completed at 1:33 PM

Saving...