

```
print("hai")
```

```
hai
```

```
if 5 > 2:
    print("five is greater than two!")
if 5 > 2:
    print("five is greater than two")
```

```
five is greater than two!
five is greater than two
```

```
x = 5 #int
y = "john" #string
print(x)
print(y)
```

```
5
john
```

```
#concatenation
name = "sowmya"
print(name)
age = 90
first_name = "Nagarajan"
print(first_name+ " " + name+ " "+"90")
```

```
sowmya
Nagarajan sowmya 90
```

```
#numbers
#name ass.operator data
pin_num = 5678 #int
bmi = 13.90 #float
house_num = 1j #comp num
y = 34567890012345
z = -789
x = -78.89
print(pin_num)
print(bmi)
print(house_num)
print(y)
```

```
5678
13.9
1j
34567890012345
```

```
import random
print(random.randrange(1,100))
```

```
94
```

```
#block of code
#pass data ,parameters => result

def my_func(): #creating function
    print("hello") #function body
my_func() #calling function
```

```
hello
```

```
#function with args
def greeting(fname):
    print(fname+"Admin")
greeting("sowmya"+" ")
greeting("hi "+" ")
```

```
sowmya Admin
hi Admin
```

```
#function with args
def greeting_2(fname,lname):
    print(fname+" " +lname)
greeting_2("sowmya","Admin")
greeting_2("nagarajan","trainer")
```

```
→ sowmya Admin
   nagarajan trainer
```

```
def display_balance(balance):
    print(f"Your current balance is ${balance:.2f}")
display_balance(1000.00)
display_balance(2000.00)
```

```
→ Your current balance is $1000.00
   Your current balance is $2000.00
```

```
print("WELCOME TO SBI")
print("-----")
print("Enter pin number")
pin = int(input())
print("Enter your name")
name = input()
print("Enter your current balance")
balance = int(input())
print("PIN " + str(pin)+" NAME "+name+" BALANCE "+str(balance))
print("-----")
```

```
→ WELCOME TO SBI
   -----
   Enter pin number
   1111
   Enter your name
   test
   Enter your current balance
   8000
   PIN 1111 NAME test BALANCE 8000
   -----
```

```
a = 33
b = 0
if a > b:
    print("a is greater than b")
elif a == b:
    print("a and b are equal")
else:
    print("b is greater than a")
```

```
→ a is greater than b
```

```
#nested if - check it twice with diff.conditions
age = 60
if age > 20:
    print("Adult")
    if(age >= 60):
        print("Senior Citizen")
else:
    print("Teenager")
```

```
→ Adult
   Senior Citizen
```

```
for x in "Apple is a Fruit":
    print(x)
```

```
→ A
   p
   p
   l
   e

   i
   s
```

a

F

r

u

i

t

```
for y in range(1,10):  
    print(y)
```

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

```
cnt = 0  
while(cnt < 1):  
    cnt = cnt + 1  
    print("WELCOME TO PYTHON")  
else:  
    print("WELCOME TO ELSE")
```

```
↩ WELCOME TO PYTHON  
  WELCOME TO ELSE
```

```
#infinite  
count = 0  
while(count==0):  
    print("hello")
```