Study of functions in Pythons:

1)Definition of a function:

Def function\_name(args):

{ statement1:(Do Something like print or take input from user)

Statement2(Do Something like print or take input from user)

.

.

Statementn(Do Something like print or take input from user or return a value)

}

2)Calling of function

Function\_name (to invoke or make use of the function)

eg1):

def greet():

print("Hello")

print("Good Morning")

greet()

output:Hello

Good Morning

2)def add(x,y):

c=x+y

print(c)

add(5,4)

Output:9

3)def add\_sub(a,b):

c=a+b

d=a-b

return c,d

result1,result2=add\_sub(8,4)

print(result1,result2)

output:12 4

4) marks=[88,70,75,92,69,84]

sum\_marks=sum(marks)

print("the sum of marks is", sum\_marks)

output:the sum of marks is 478

5)def add\_multiply(n1,n2):

add=n1+n2

multiply=n1\*n2

return add,multiply

Addition,Multiplication=add\_multiply(40,35)

print("Addition of the 2 numbers is:", Addition)

print("Multiplication of the 2 numbers is:", Multiplication)

output:Addition of the 2 numbers is: 75

Multiplication of the 2 numbers is: 1400