

```

set1={1,2,3,4,5}
set2={5,6,7,8,9,0}
set3=set1|set2
print(set3)
set4=set1&set2
print(set4)

{0, 1, 2, 3, 4, 5, 6, 7, 8, 9}
{5}

def func():
    print("1")
    print("2")
    print("3")
func()
func()
func()

1
2
3
1
2
3
1
2
3

def details(standard):
    print("my standard is",standard)
    details("9th")
    details("10th")

    my standard is 9th
    my standard is 10th

def add(num1,num2):
    print("addition of given data is",(num1+num2))
add(50.022, 100.17)

    addition of given data is 150.192

def add():
    for i in range(6):
        print("the values are",(i+1))
add()

    the values are 1
    the values are 2
    the values are 3
    the values are 4
    the values are 5
    the values are 6

list1=[1,"a",2,"k",99]
iteration=iter(list1)
print(next(iteration))
print(next(iteration))

1
a

list1=[1,"a",2,"k",99]
for i in list1:
    print(i)

1
a
2
k
99

name = "Tom AND jerry"
for i in name:
    print(i)

T
o
m

```

A
N
D

j
e
r
r
y

```
def calc():  
    x=range(5)  
    y=range(10)  
    for i in x:  
        for n in y:  
            print(i+n)  
calc()
```

0
1
2
3
4
5
6
7
8
9
1
2
3
4
5
6
7
8
9
10
2
3
4
5
6
7
8
9
10
11
3
4
5
6
7
8
9
10
11
12
4
5
6
7
8
9
10
11
12
4
5
6
7
8
9
10
11
12
13

```
def calc():  
    x=range(5)  
    y=50  
    for i in x:  
        print(i+y)  
calc()
```

50
51
52
53
54

```
def func():  
    a=input("Enter the value 1=")  
    b=input("Enter the value 2=")
```

```
print("The sum of two values is",(a+b))
func()
```

```
Enter the value 1=10
Enter the value 2=20
The sum of two values is 1020
```

```
def func():
    for i in range(11):
        print(i*i)
func()
```

```
0
1
4
9
16
25
36
49
64
81
100
```

```
def func():
    for i in range(5):
        for j in range(10):
            print(i*j)
func()
```

```
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
1
2
3
4
5
6
7
8
9
0
2
4
6
8
10
12
14
16
18
0
3
6
9
12
15
18
21
24
27
0
4
8
12
16
20
24
28
32
36
```

```
def func():
    for i in range(5):
        print(i)
    for j in range(4):
        print(j)
```

```

print(i+j)
func()

0
0
1
2
3
1
0
1
2
3
2
0
1
2
3
3
0
1
2
3
4
0
1
2
3
7

def func():
    x=range(5)
    y=range(10)
    for i in x:
        for j in y:
            print("The sum of given number such as",i,"and",j,"are",(i+j))
func()

```

```

The sum of given number such as 0 and 0 are 0
The sum of given number such as 0 and 1 are 1
The sum of given number such as 0 and 2 are 2
The sum of given number such as 0 and 3 are 3
The sum of given number such as 0 and 4 are 4
The sum of given number such as 0 and 5 are 5
The sum of given number such as 0 and 6 are 6
The sum of given number such as 0 and 7 are 7
The sum of given number such as 0 and 8 are 8
The sum of given number such as 0 and 9 are 9
The sum of given number such as 1 and 0 are 1
The sum of given number such as 1 and 1 are 2
The sum of given number such as 1 and 2 are 3
The sum of given number such as 1 and 3 are 4
The sum of given number such as 1 and 4 are 5
The sum of given number such as 1 and 5 are 6
The sum of given number such as 1 and 6 are 7
The sum of given number such as 1 and 7 are 8
The sum of given number such as 1 and 8 are 9
The sum of given number such as 1 and 9 are 10
The sum of given number such as 2 and 0 are 2
The sum of given number such as 2 and 1 are 3
The sum of given number such as 2 and 2 are 4
The sum of given number such as 2 and 3 are 5
The sum of given number such as 2 and 4 are 6
The sum of given number such as 2 and 5 are 7
The sum of given number such as 2 and 6 are 8
The sum of given number such as 2 and 7 are 9
The sum of given number such as 2 and 8 are 10
The sum of given number such as 2 and 9 are 11
The sum of given number such as 3 and 0 are 3
The sum of given number such as 3 and 1 are 4
The sum of given number such as 3 and 2 are 5
The sum of given number such as 3 and 3 are 6
The sum of given number such as 3 and 4 are 7
The sum of given number such as 3 and 5 are 8
The sum of given number such as 3 and 6 are 9
The sum of given number such as 3 and 7 are 10
The sum of given number such as 3 and 8 are 11
The sum of given number such as 3 and 9 are 12
The sum of given number such as 4 and 0 are 4
The sum of given number such as 4 and 1 are 5
The sum of given number such as 4 and 2 are 6
The sum of given number such as 4 and 3 are 7
The sum of given number such as 4 and 4 are 8
The sum of given number such as 4 and 5 are 9
The sum of given number such as 4 and 6 are 10
The sum of given number such as 4 and 7 are 11
The sum of given number such as 4 and 8 are 12
The sum of given number such as 4 and 9 are 13

```

```
file1=open("ak.txt","r")
print(file1.read())
```

```
I am Always Doing My Best
```

```
file1=open("ak.txt","w")
file1.write("I am Always Doing My Best \n")
file1=open("ak.txt","r")
print(file1.read())
```

```
I am Always Doing My Best
```

```
file1=open("ak.txt","w")
file1.write("I am Always Doing My Best")
```

```
25
```

```
file1=open("ak.txt","a")
file1.write("No One can Defeat Me")
file1=open("ak.txt","r")
print(file1.read())
```

```
I am Always Doing My Best
No One can Defeat Me
```

```
myCode=["\ngood evening \n","have lunch \n","thank you \n"]
with open("ak.txt","a") as file2 :
    file2.writelines(myCode)
```

[+ Code](#)
[+ Text](#)

```
with open("ak.txt","r") as file2 :
```

```
print(file2.read())
```

```
I am Always Doing My Best
No One can Defeat Megood evening
have lunch
thank yougood evening
have lunch
thank yougood evening
have lunch
thank you
```

```
good evening
have lunch
thank you
```

```
def func():
    for i in range(5):
        print("ak")
        print("aa")
func()
```

```
ak
aa
ak
aa
ak
aa
ak
aa
ak
aa
```

✓

0s

completed at 12:54 AM

●

✕