

```
1 #print first 10 natural numbers using while loop in  
python  
2 i = 1  
3 while( i<=10 ) :  
4     print( i )  
5     i += 1
```



TAB



1
2
3
4
5
6
7
8
9
10

[Program finished]

```
1  """ Write a python program to fetch only Email ID
   from text file which include following fields
2  i ) Name
3  ii ) Mobile Number
4  iii ) Roll Number
5  iv ) Email ID """
6  def personal_details ( ) :
7      name = " Subba Reddy"
8      mobile_number = 3929352781
9      email_id = " sasikalyan1933@gmail.com"
10     roll_number = 321910302018
11     print ( " the mail id of person is" , email_id )
12     personal_details ( )
13
14
```



TAB



the mail id of person is sasikalyan1933@gmail.com

[Program finished]

```
1  #Write a python program to find the intersection of  
   elements from two list  
2  list1 = [ 1, 5, 9, 8 ]  
3  list2 = [ 5, 4, 3, 1 ]  
4  intersection = set.intersection( set( list1 ),  
   set( list2 ) )  
5  intersection_list = list( intersection )  
6  print( intersection_list )
```



TAB



```
1, 5]
```

```
Program finished]
```

```
1 #Write a python program to find the maximum and
  minimum number in a list of 10 elements and also find
  the index position of the following numbers
2 def maxminposition( A, n ):
3     minposition = A.index( min( A ) )
4     maxposition = A.index( max( A ) )
5     print ( " The maximum is at position: : " ,
6             maxposition + 1 )
7     print ( " The minimum is at position: : " ,
8             minposition + 1 )
9 A=list( )
10 n=int( input( " Enter the size of the List : : " ) )
11 print( " Enter the Element : : " )
12 for i in range( int( n ) ):
13     k=int( input( " " ) )
14     A.append( k )
15 maxminposition( A, n )
```



Enter the size of the List ::10

Enter the Element ::

33

44

5

2

5

6

8

3

2

1

The maximum is at position:: 2

The minimum is at position:: 10

[Program finished]


```

1  # Write a python program to sort array element in
   the ascending/descending order
2  arr=[1,2 ,3,4,5,6,7,8,9,10]
3  temp=0
4  print( " Elements of original array: " )
5  for i in range( 0,len( arr ) ):
6      print( arr[ i ],end=" " )
7  for i in range( 0,len( arr ) ):
8      for j in range( i+1,len( arr ) ):
9          if( arr[ i]<arr[ j] ):
10             temp=arr[ i]
11             arr[ i]=arr[ j]
12             arr[ j]=temp
13  print( " Elements of array soted in decending order" )
14  for i in range( 0,len( arr ) ):
15      print( arr[ i] )

```

Elements of original array:

12345678910Elements of array soted in decending order

10

9

8

7

6

5

4

3

2

1

[Program finished]