

```
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::" ,
               maxposition + 1 )
6      print ( " The minimum is at position::" ,
               minposition + 1 )
7  A=list( )
8  n=int( input( " Enter the size of the List ::" ) )
9  print( " Enter the Element ::" )
10  for i in range( int( n ) ):
11      k=int( input( " " ) )
12      A.append( k )
13  maxminposition( A, n )
14

```





TAB



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]