

```
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 includes following fields
2 i)name
3 ii)mobile number
4 iii)roll number
5 iv)email id" " "
6 def person_details():
7     name="Mohammed Feroz"
8     mobile_number=6300963077
9     email_id="jacksapprow297@gmail.com"
10    roll_number=321910302007
11    print("the mail id of person is ",email_id)
12    person_details()
```



```
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 )

```



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 sorted in descending 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]

