


```
1 i=1
2 while i<=10:
3     print(i)
4     i=i+1
5
```





TAB



1
2
3
4
5
6
7
8
9
10

[Program finished]

```

1 arr = [ 3, 9, 1, 6, 7 ];
2 temp = 0;
3 print( "elements of original array: " );
4 for i in range( 0, len( arr ) ):
5     print( arr[ i ], end=" " );
6     for i in range( 0, len( arr ) ):
7         for j in range( i+1, len( arr ) ):
8             if( arr[ i ] > arr[ j ] ):
9                 temp = arr[ i ];
10                arr[ i ] = arr[ j ];
11                arr[ j ] = temp;
12    print( 'elements of an array sorted in ascending
order:' );
13
14 for i in range( 0, len( arr ) ):
15     print( arr[ i ], end=" " );

```





TAB



```
elements of original array:  
3elements of an array sorted in ascending order:  
3elements of an array sorted in ascending order:  
6elements of an array sorted in ascending order:  
7elements of an array sorted in ascending order:  
9elements of an array sorted in ascending order:  
13679  
[Program finished]
```

```
1 def minimum( a, n ) :  
2     print( "minimum:" , min( a ) )  
3     print( "maximum:" , max( a ) )  
4     minpos=a.index( min( a ) )  
5     maxpos=a.index( max( a ) )  
6     print( "the minimum is at position" , minpos+1 )  
7     print( "the maximum is at position" , maxpos+1 )  
8 a= [ 7, 6, 40, 60, 70, 30, 2, 1, 8, 3 ]  
    minimum( a, len( a ) )
```



```
1 def intersection( lst1, lst2 ) :  
2     lst3= [ value for value in lst1 if value in lst2 ]  
3     return lst3  
4 lst1= [ 3, 6, 8, 9, 11, 15, 17, 20 ]  
5 lst2= [ 2, 4, 6, 7, 9, 15, 17, 18 ]  
6 print( 'intersected elements: ', intersection( lst1,  
7         | lst2 ) )  
8  
9
```





TAB



intersected elements: [6, 9, 15, 17]

[Program finished]

```
1 import re
2 s="Name: S.Harshitha Roll no. : 321910302003
  Mobile_no. : 6281577480
  EmailID: 321910302003@gmail.com"
3 list=re.findall( "\s+@\s+",s )
4 print(list )
```

