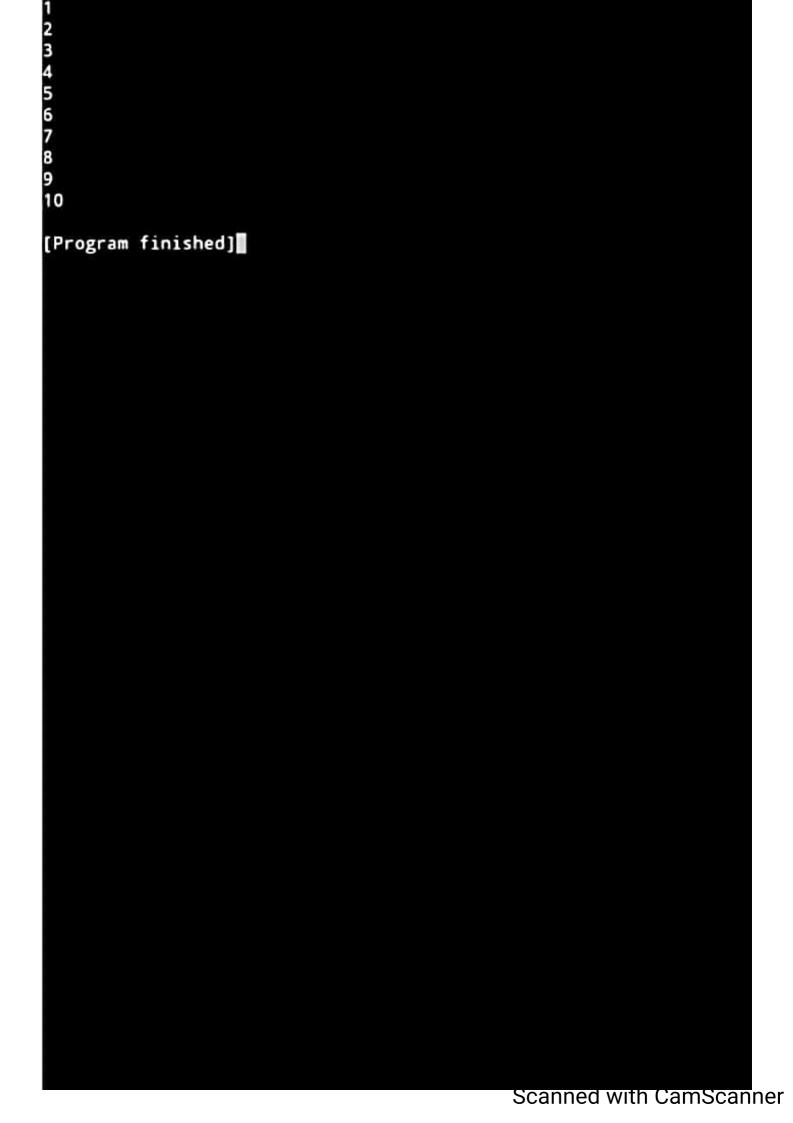
```
#print first 10 natural numbers using while loop in
python

i = 1

while(i<=10):
print(i)
i += 1</pre>
```



```
# Write a python program to find the intersection of
elements from two list

list! = (1,5,9,8)

list2 = (5,4,3,1)

intersection=set.intersection(set(list!),
set(list2))

intersection_list=list(intersection)

print(intersection_list)
```



```
#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
def maxminposition (A, n):
  minposition = A. index ( min (A) )
  maxposition = A.index(max(A))
  print ("The maximum is at position::",
maxposition +1)
  print ("The minimum is at position::",
minposition +1
A=list()
n=int(input("Enter the size of the List::"))
print ("Enter the Element ::")
for i in range (int (n)):
  k=int(input(""))
  A.append(k)
maxminposition(A, n)
```

```
Enter the size of the List ::10 
Enter the Element ::
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]
                                                                                 Scanned with CamScanner
```

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

