Circulate-the-values-of-N-variables

Aim:

To write a python program to circulate the n variables using function concept

Equipment's required:

PC Anaconda - Python 3.7

Algorithm:

Step 1:

Define a function circulate.

Step 2:

Take l and n as inputs.

Step 3:

Get the value from the user for the number of rotation

Step 4:

Using the slicing concept rotate the list

Step 5:

Using print function, print the results.

Step 6:

End the program.

Program:

```
#Program to circulate N values.
#Developed by:S.Subashini
#RegisterNumber:22009344
def circulate():
    l=eval(input())
    n=int(input())
```

```
    l=l[n:]+l[:n]
    print("After circulating the values are:",l)
```

Output:

```
#Program to circulate N values.
#Developed by:S.Subashini
#RegisterNumber:22009344
def circulate():
    l=eval(input())
    n=int(input())
    l=l[n:]+l[:n]
    print("After circulating the values are:",l)
```

	Test	Input	Expected	Got
✔	circulate()	[10,20,30,40,50,60] 2	After circulating the values are: [30, 40, 50, 60, 10, 20]	After circulating the val
✔	circulate()	[10,20,30,40,50,60] 4	After circulating the values are: [50, 60, 10, 20, 30, 40]	After circulating the val

Passed all tests! ✔

Result:

Thus, Using the function concept, circulating n variables are executed and displayed successfully.