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:

Import def circulate.

Step 2:

Prepare the lists from each linear equations and assign in np.array().

Step 3:

Get the value from the user for the number of rotation

Step 4:

Using the slicing concept rotate the list

Step 5:

Get the value from the user for the number of rotation.

Step 6:

Using the slicing concept to rotate the list.

Program:

```
#Program to circulate N values.
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#RegisterNumber:22003343
def circulate():
    l=eval(input())
    n=int(input())
```

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

Output:

	Test	Input	Expected	Got	
✔	circulate()	['a','b','c','d','e','f'] 2	After circulating the values are: ['c', 'd', 'e', 'f', 'a', 'b']	After circulating the values are: ['c', 'd', 'e', 'f', 'a', 'b']	✔
✔	circulate()	['a','b','c','d','e','f'] 4	After circulating the values are: ['e', 'f', 'a', 'b', 'c', 'd']	After circulating the values are: ['e', 'f', 'a', 'b', 'c', 'd']	✔

Passed all tests! ✔

Result:

Thus,the program to circulate the n variables using fuction is executed successfully.