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

Step 4:

Using the slicing concept rotate the list. Using the slicing concept rotate the list

Step 5:

Add coding to the input value.

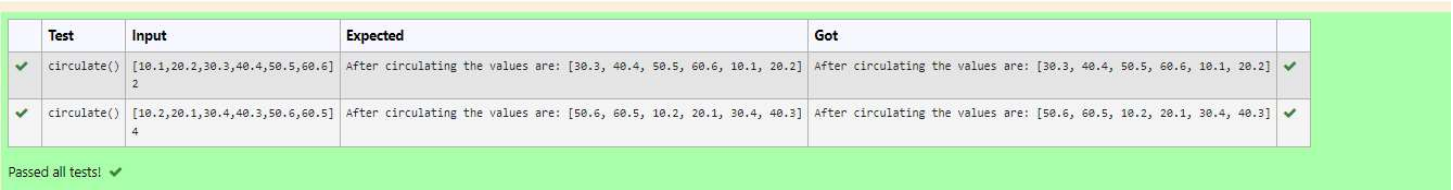
Step 6:

Add coding to the input value.

Program:

```
#Program to circulate N values.
#Developed by: D.Vinitha
#RegisterNumber: 22001203
def circulate():
    a=eval(input())
    n=int(input())
    a=a[n:]+a[:n]
    print('After circulating the values are:',a)
```

Output:



	Test	Input	Expected	Got	
✔	circulate()	[10.1,20.2,30.3,40.4,50.5,60.6] 2	After circulating the values are: [30.3, 40.4, 50.5, 60.6, 10.1, 20.2]	After circulating the values are: [30.3, 40.4, 50.5, 60.6, 10.1, 20.2]	✔
✔	circulate()	[10.2,20.1,30.4,40.3,50.6,60.5] 4	After circulating the values are: [50.6, 60.5, 10.2, 20.1, 30.4, 40.3]	After circulating the values are: [50.6, 60.5, 10.2, 20.1, 30.4, 40.3]	✔

Passed all tests! ✔

Result:

Thus circulating the values of N variables using fusion concept successfully executed