

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:

' Step 2:

' Step 3:

Get the value from the user for the number of rotation

' Step 4:

Using the slicing concept rotate the list

' Step 5:

' Step 6:

' Program:

```
def circulate():  
    a=eval(input())  
    x=int(input())  
    print("After circulating the values are: {}".format(a[x:]+a[:x]))
```

Output:

	Test	Input	Expected
✓	circulate()	['a','b','c','d','e','f'] 2	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']

Got

After circulating the values are: ['c', 'd', 'e', 'f', 'a', 'b']



After circulating the values are: ['e', 'f', 'a', 'b', 'c', 'd']



Result:

The variables are circulated successfully.