

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:

to write a program for circulate the values of n variables

' Step 2:

assign the value of second variables to a temporary variable

' Step 3:

Get the value from the user for the number of rotation

' Step 4:

Using the slicing concept rotate the list

' Step 5:

print both the values

' Step 6:

end the program

' Program:

```
#Program to circulate N values.  
#Developed by:A K MOHAN RAJ
```

```
#RegisterNumber:21001890
def circulate():
    l=[10,20,30,40,50,60]
    n=(int(input()))

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

' Output:

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "Ex02-CR-Circulate the values of" and displays a programming challenge. The challenge asks to write a Python program to circulate the values of N variables using a function concept. It provides two examples:

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

The user has pasted their code into the answer field:

```
1 #Program to circulate N values.
2 #Developed by A K MOHAN RAJ
3 #RegisterNumber:21001890
4 def circulate():
5     l=[10,20,30,40,50,60]
6     n=(int(input()))
7
8     print("After circulating the values are:",l[n:]+l[:n])
9
```

Below the answer field is a table showing the results of the tests:

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

A green banner at the bottom indicates "Passed all tests! ✓". The system status bar at the bottom right shows "ENG IN" and the date "12-12-2021 11:47".

' Result:

thus the program is solved using python programming