Exercise No : 3

Date   : 12/10/2020

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AIM :

To Write a Python program to remove and print every second number from a list of numbers until the list becomes empty.

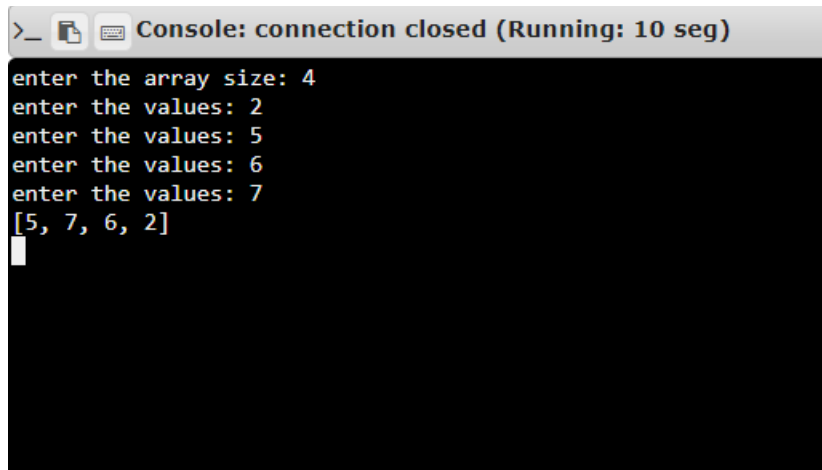**PROGRAM:**

```
def every2number(list):
    temp = []
    p = 1
    s = 0
    for i in range(0,len(list)):
        s = (p+s) % len(list)
        el = list.pop(s)
        temp.append(el)
    return temp
n = int(input("enter the array size: "))
list = []
for i in range (0,n):
    list.append(int(input("enter the values: ")))
p = every2number(list)
print(p)
```

LINK:

http://103.53.53.18/mod/vpl/view.php?id=231&userid=1791

OUTPUT:

```
>_  📋 🖥 Console: connection closed (Running: 10 seg)

enter the array size: 4
enter the values: 2
enter the values: 5
enter the values: 6
enter the values: 7
[5, 7, 6, 2]
```

RESULT:

The output has been successfully executed and verified.