**EXERCISE NUMBER**:**3**

**DATE**:12/10/2020

**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 remove3number(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())

list =[]

for i in range(0,n):

list.append(int(input()))

p=remove3number(list)

print(p)

**Link:**

[**http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1734**](http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1734)

**Output:**

**Input:**

5

1 2 3 4 5

**Output:**

[2, 4, 1, 5, 3]

**Result:**

The program has been executed and expected output is obtained.