**Ex No**:**3**

**DATE**:14-10-2020

**Aim:**

Towrite 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=1718**

**Input:**

**4**

**1 2 3 4**

**Output:**

**[2, 4, 3, 1]**

**Result:**

The program has been executed and expected output is obtained