**Exercise No:** 3

**Date:** 13/10/2020

**Aim:**

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

**Program:**

def removethirdnumber(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=removethirdnumber(list)

print(p)

**Link:**

<http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1745>

**Output:**

**Input:**

5

5,4,3,2,1

**Output:**

[4,2,5,1,3]

**Result:**

The output of the program to remove and print every second number from a list of

number until the list becomes empty is executed and verified successfully.