**Exercise No**: 3

**Date** : 14.10.2020

**AIM:**

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

**PROGRAM:**

def removeThirdNumber(lst):

lst1=[]

pos=1

s=0

for i in range(0,len(lst)):

s=(pos+s)%len(lst)

e1=lst.pop(s)

lst1.append(e1)

return lst1

n=int(input())

int\_list=[]

for i in range(0,n):

e=int(input())

int\_list.append(e)

p=removeThirdNumber(int\_list)

print(p

**LINK:**

<http://103.53.53.18/mod/vpl/forms/submissionview.php?id=231&userid=1654>

**OUTPUT:**

10

1

2

3

4

5

6

7

8

9

10

[2, 4, 6, 8, 10, 3, 7, 1, 9, 5]

**Result:**

Thus the python program remove and print every second number is written and exceuted.