**EXERCISE NO.3**

**DATE:**

**AIM:**

*To write a python program to remove and print every second number from the 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=1751#vpl\_file0*](http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1751#vpl_file0)

**OUTPUT:**

*Enter the size:3*

*Enter the n*

*1*

*2*

*3*

*After remove*

*2*

*1*

*3*

**RESULT:**

*Removing and printing every second number from the list of numbers is done.*