**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 removenumber(no):*

*p = 2 - 1*

*id = 0*

*lenoflist = (len(no))*

*while lenoflist > 0:*

*id = (p + id) % lenoflist*

*print(no.pop(id))*

*lenoflist -= 1*

*A=list()*

*n=int(input(“Enter the size:”))*

*print(“Enter the n”)*

*for i in range(int(n)):*

*p=int(input(“”))*

*A.append(int(p))*

*print(“Remove Number “)*

*removenumber(A)*

**LINK:**

[*http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1636#vpl\_file0*](http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1636#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.*