**Exercise No: 3**

**Date: 16/10/2020**

**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())**

**list=[]**

**for i in range(0,n):**

**e=int(input())**

**list.append(e)**

**a=removeThirdNumber(list)**

**print(a)**

**Link:**

[**http://103.53.53.18/mod/vpl/forms/submissionview.php?id=231&userid=1661**](http://103.53.53.18/mod/vpl/forms/submissionview.php?id=231&userid=1661)

**Output:**

40

10

20

30

40

20

40

30

10

**Result:**

A Python program to remove and print every second number from a list is created and the output is obtained.