

*Exercise:3*  
*Date:12/10/2020*

*AIM:*

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

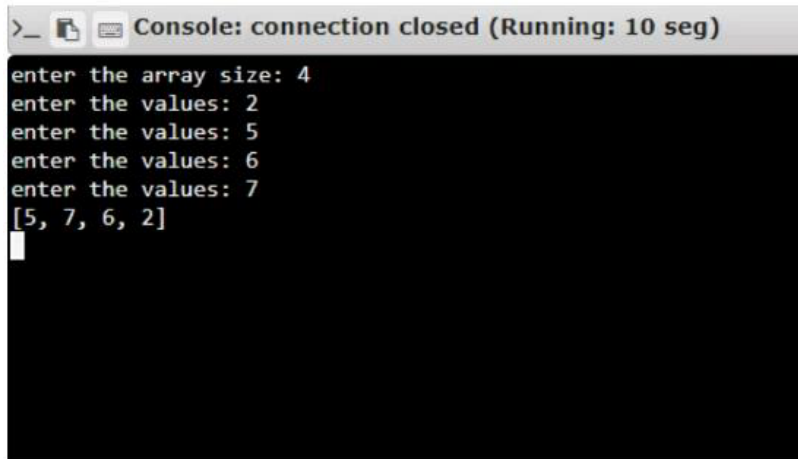
*PROGRAM:*

```
def removeThirdNumber(int_list):  
    position=2-1  
    index = 0  
    len_list=(len(int_list))  
    while(len_list>0):  
        index = (position+index)%len_list  
        print(int_list.pop(index))  
        len_list-=1  
    n=int(input())  
    int_list=[]  
    for i in range(n):  
        int_list.append(int(input()))  
    removeThirdNumber(int_list)
```

LINK:

<http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1794>

OUTPUT:

A screenshot of a web-based console interface. The title bar reads ">\_ Console: connection closed (Running: 10 seg)". The console area is black with white text. It shows the following sequence of input and output: "enter the array size: 4", "enter the values: 2", "enter the values: 5", "enter the values: 6", "enter the values: 7", and finally the output "[5, 7, 6, 2]". A white cursor is visible on the line following the output.

```
>_ Console: connection closed (Running: 10 seg)
enter the array size: 4
enter the values: 2
enter the values: 5
enter the values: 6
enter the values: 7
[5, 7, 6, 2]
```

RESULT:

*The program to remove and print every second number from a list of numbers until the list become empty is executed and output is verified.*