

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

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("Enter number of elements:"))
```

```
int_list = []
```

```
for i in range(n):
```

```
    e=int(input())
```

```
    int_list.append(e)
```

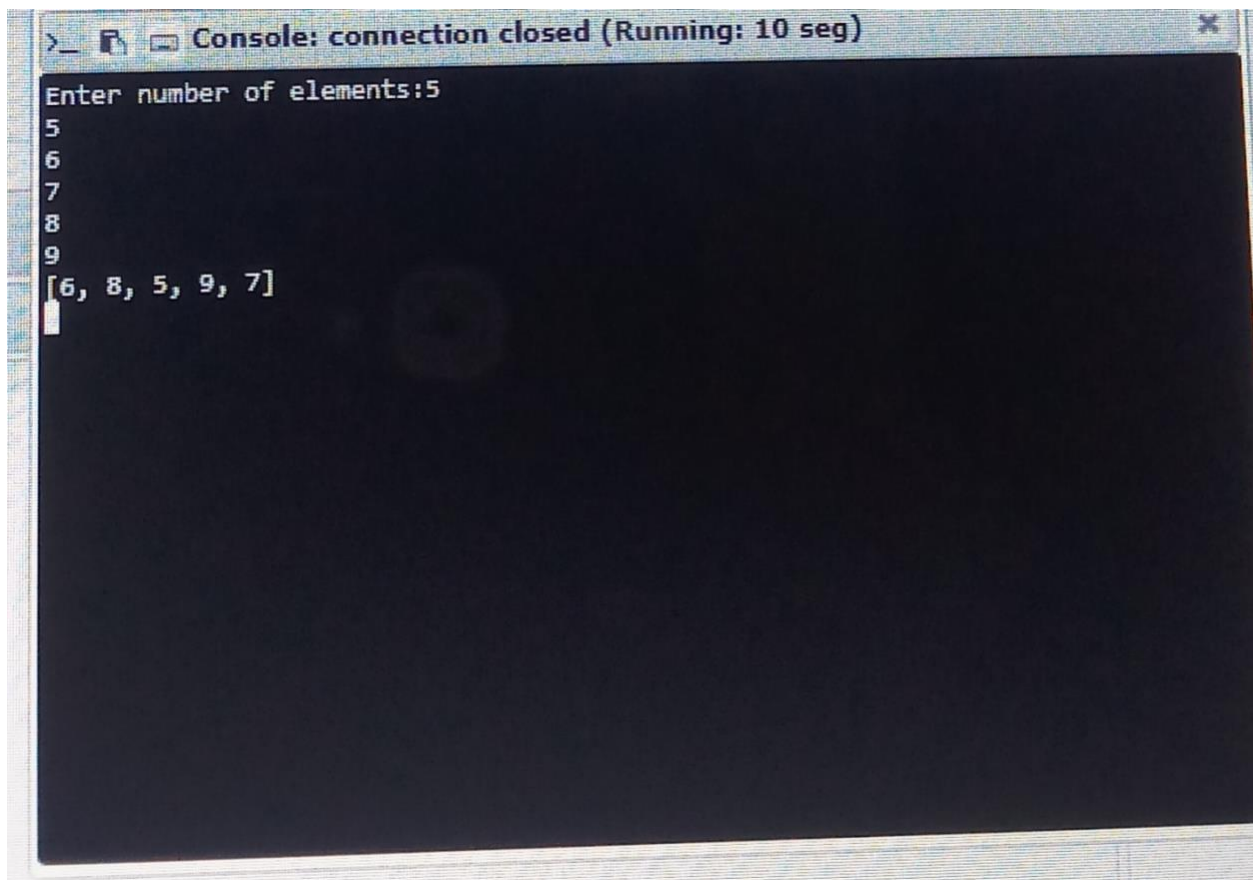
```
p=removeThirdNumber(int_list)
```

```
print(p)
```

LINK:

<http://103.53.53.18/mod/vpl/forms/edit.php?id=231&userid=1690>

OUTPUT:

A screenshot of a console window with a dark background. The title bar at the top reads '> Console: connection closed (Running: 10 seg)' with a close button on the right. The console text shows the prompt 'Enter number of elements:5' followed by five lines of input: '5', '6', '7', '8', and '9'. Below these inputs, the output '[6, 8, 5, 9, 7]' is displayed, with a white cursor positioned at the end of the list.

```
> Console: connection closed (Running: 10 seg)
Enter number of elements:5
5
6
7
8
9
[6, 8, 5, 9, 7]
```

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.