

Assignment 1 - [25/12/2020] (Day 2 Assignment)

1) ~~### Python 3 program to remove the index, element from the list using traversal.~~

Python 3 program to remove the index,
element from the list
using traversal.

```
def remove (list 1, pos):
```

```
    new list = [ ]
```

```
    # traverse in the list.
```

```
    for x in range (len (list 1)):
```

```
        # if index not equal to pos
```

```
        if x != pos:
```

```
            new list.append (list 1[x])
```

```
    Print (*new list)
```


driver code

list1 = [10, 20, 30, 40, 50]

pos = 2

remove(list1, pos)

2) # python implementation of left rotation of
an array k number of times
functions to left rotate array multiple times

Rotate(arr, n, k):

get the starting point of rotated array #

mod = k % n

s = ""

prints the rotated array from start position

for i in range(n):

Print str(arr[(mod + i) % point])

Print

return

driver code

arr = [1, 3, 5, 7, 9]

n = len(arr)

k = 2

Function call

leftRotate(arr, n, k)

k = 3

Function call

leftRotate(arr, n, k)

k = 4

Function call

leftRotate(arr, n, k)

This code is contributed by Sachin Bisht