

## Left Rotate a List by one

I/p: l = [10, 20, 30, 40]

O/p: l = [20, 30, 40, 10]

I/p: l = [1, 2, 3]

O/p: l = [2, 3, 1]

```
l = [10, 20, 30, 40]
```

```
l = l[1:] + l[0:1]
```

```
print(l)
```

```
l = [10, 20, 30, 40]
```

```
l.append(l.pop(0))
```

```
print(l)
```

```
def rotateByone(l):
```

```
    n = len(l)
```

```
    x = l[0]
```

```
    for i in range(1, n):
```

```
        l[i - 1] = l[i]
```

```
    l[n - 1] = x
```

```
l = [10, 20, 30, 40]
```

```
rotateByone(l)
```

```
print(l)
```