

Count Occurrences in a Sorted Array

I/P: $l = [10, 20, 20, 20, 30, 30]$

$x = 20$

O/P: 3

I/P: $l = [10, 10, 10, 10]$

$x = 10$

O/P: 4

I/P: $l = [5, 8, 10]$

$x = 7$

O/P: 0

Efficient Solution

```
def countOcc(l, x):
```

```
    first = firstOccurrence(l, x)
```

```
    if first == -1:
```

```
        return 0
```

```
    else:
```

```
        return lastOcc(l, x) - first + 1
```

↓
refer first and last Occurrence code