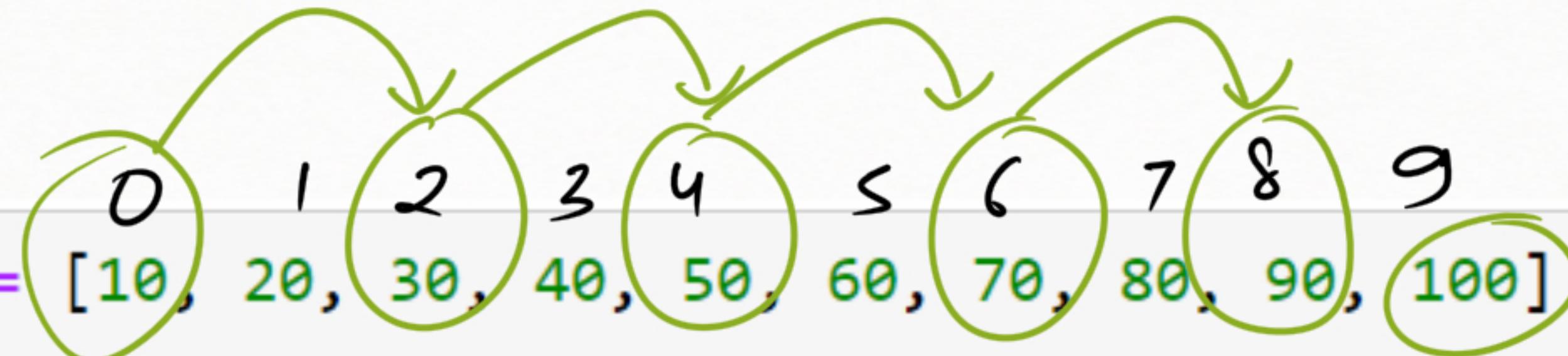


```
list_of_elements =
```



```
x = list_of_elements[0::2]
```

```
print(x)
```

```
[10, 30, 50, 70, 90]
```

stopindex
will be automatically
index of last element

0 1 2 3 4 5 6 7 8 9

```
list_of_elements = [10, 20, 30, 40, 50, 60, 70, 80, 90, 100]
count = 0
for no in list_of_elements:
    if count%2 == 0:
        print(no)
    count+=1
```

10
30
50
70
90

```
for i in range(5):  
    print(i)
```

0 ✓
1 ✓
2 ✓
3 ✓
4 ✓

startIndex = 0
stopIndex = 5
step = 1

Gives us an integer range of numbers

```
for i in range(1, 5):  
    print(i)
```

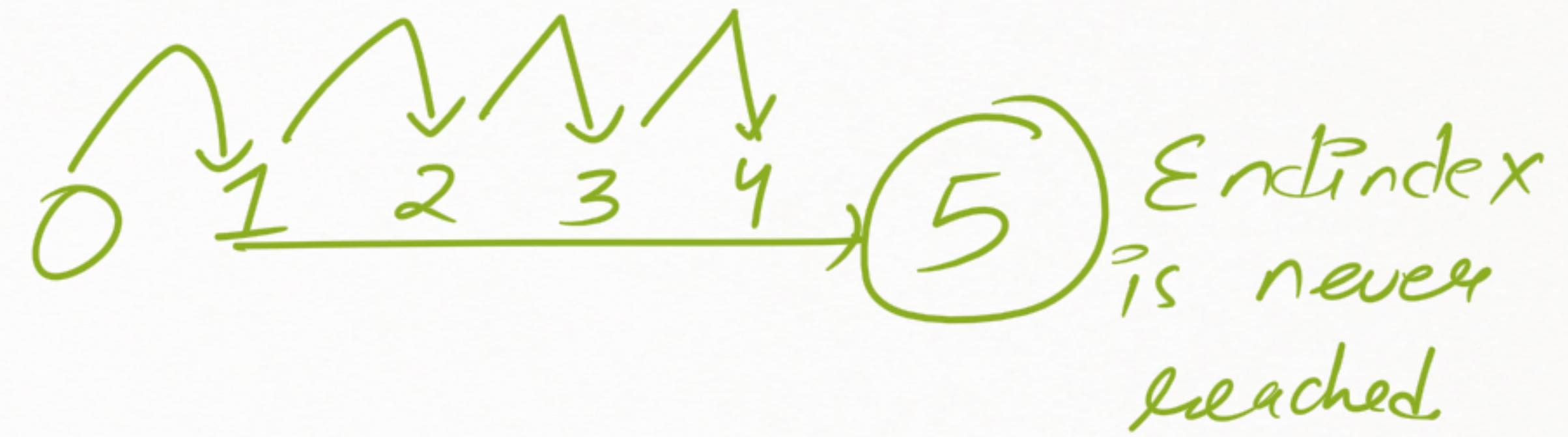
1 ✓
2 ✓
3 ✓
4 ✓

startIndex = 1
stopIndex = 5
step = 1

```
for i in range(1, 5, 2):  
    print(i)
```

1 ✓
3 ✓

startIndex = 1
stopIndex = 5
step = 2



EndIndex is never reached



```
: for i in range(2,10,2):  
    print(i)
```

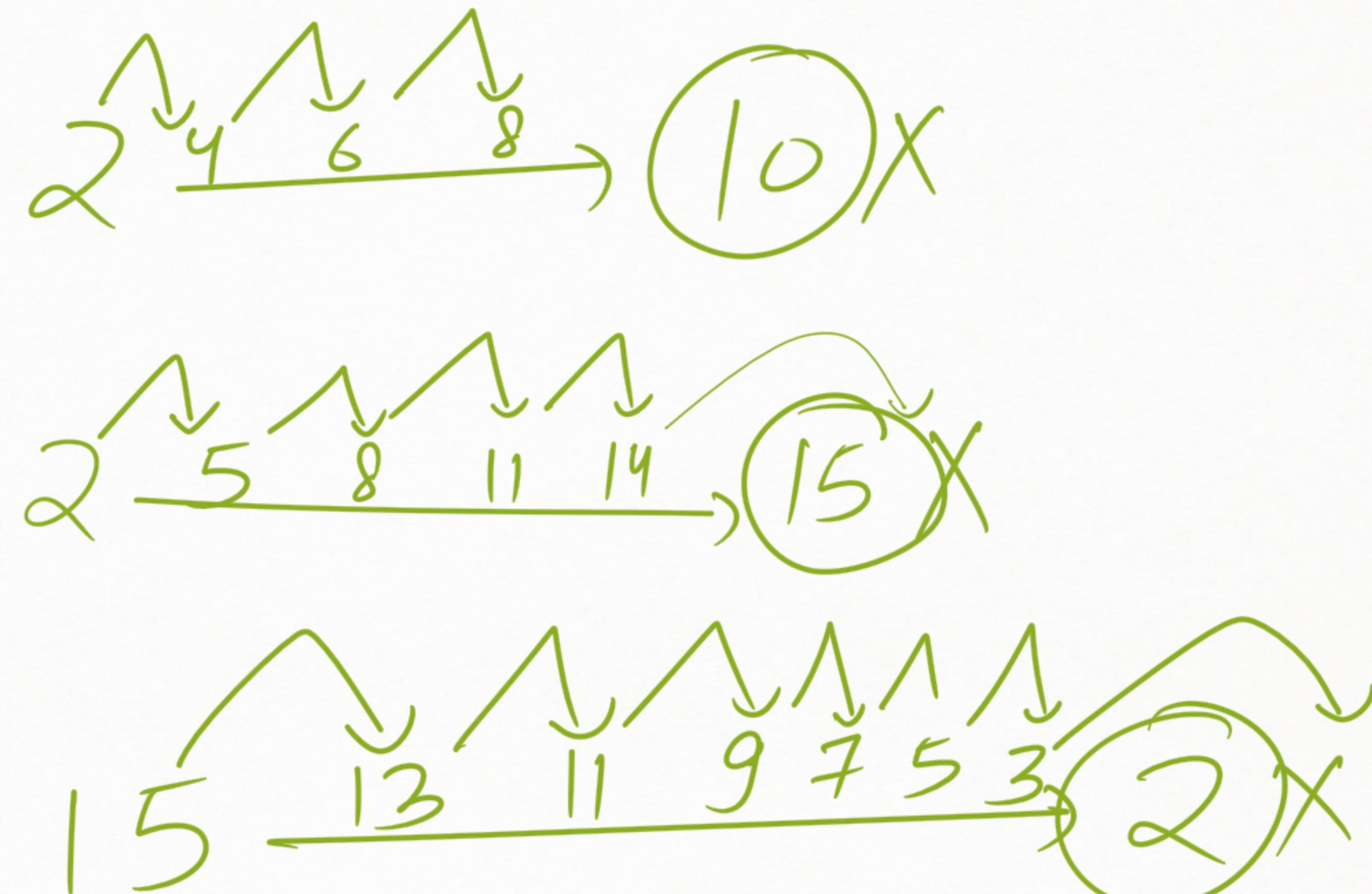
2 ✓
4 ✓
6 ✓
8 ✓

```
: for i in range(2,15,3):  
    print(i)
```

2 ✓
5 ✓
8 ✓
11 ✓
14 ✓

```
: for i in range(15,2,-2):  
    print(i)
```

15 ✓
13 ✓
11 ✓
9 ✓
7 ✓
5 ✓
3 ✓



$x = [5, 3, 15, 6]$

$\text{maxNo} = 5$

forsi no in x :

if $\text{no} > \text{maxNo}$:
 $\text{maxNo} = \underline{\text{no}}$

print(maxNo)
↑ 15

$\text{maxNo} = 15$