

Accessing Elements from list

Let us see how we can access elements from the `list` using Python as programming language.

- We can access a particular element in a `list` by using index `l[index]`. Index starts with 0.
- We can also pass index and length up to which we want to access elements using `l[index:length]`
- Index can be negative and it will provide elements from the end. We can get last n elements by using `l[-n:]`.
- Let us see few examples.

```
l = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```
l[0] # getting first element
```

```
1
```

```
l[2:4] # get elements from 3rd up to 4 elements
```

```
[3, 4]
```

```
l[-1] # get last element
```

```
10
```

```
l[-4:] # get last 4 elements
```

```
[7, 8, 9, 10]
```

```
l[-5:-2] # get elements from 6th to 8th
```

```
[6, 7, 8]
```