## PythonTip 02 - List Slicing

## February 17, 2021

## 1 List Slicing

List slicing is a way to get not just one element of a list, but a whole portion.

```
[1]: L = ["a", "b", "c", "d", "e", "f"]
```

L[a:b] means the portion of the list from index a (inclusive) to index b (exclusive).

If you leave out a, it starts from the beginning of the list. If you leave out b, it goes to the end.

You can use a third piece L[a:b:c], and c means how much to go up by each time.

[9]: ['b', 'd']

Lastly, you can use negative indexing too. For example, to get the last 3 elements of a list:

```
[13]: L[-3:]
```

[13]: ['d', 'e', 'f']

To get all except the last element: