

SI 506: Programming I

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Lecture 05

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Roumanis Square, 2nd floor (“the loft”)

slicing

Sequence: slicing syntax

returns sequence comprising subset of parent list elements

(start at index x)
inclusive
↓
Slice
new_seq = seq[x:y]
↑
exclusive
(end at index y - 1)

Sequence: slicing syntax

returns sequence comprising subset of parent list elements

(start at index position)

inclusive



Slice

```
new_seq = seq[x:]
```



inclusive

(end at last index position)

Sequence: slicing syntax

returns sequence comprising subset of parent list elements

(start at index 0)

inclusive



Slice

`new_seq = seq[:y]`



exclusive

(end at index $y - 1$)

Sequence: slicing syntax

returns sequence comprising subset of parent list elements

(start at index -x)

inclusive



Slice

```
new_seq = seq[-x:]
```



inclusive

(end at last index position)

Seq: slicing syntax (negative)

returns sequence comprising subset of parent list elements

(start at index -x)

inclusive



Slice

`new_seq = seq[-x:-y]`



exclusive

(end at index -y - 1)

finis

Slide deck revisions

errata: corrections and other changes

Slide no(s).	Fix ver.	Description
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