Skillful Python Iterables

EH 301 User Help Manual
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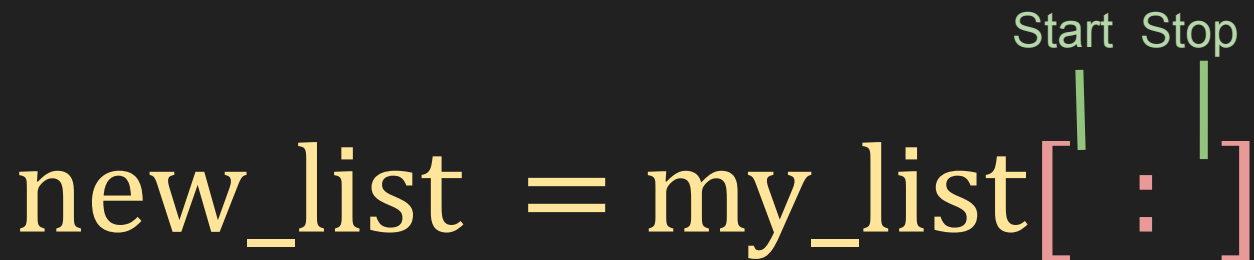
Iterable slicing

When is iterable slicing useful?

> removing unneeded leading or trailing elements from an iterable

> parsing an incomplete component of an iterable

> changing the direction or sample size of an iterable

Start Stop

new_list = my_list[:]

Inline conditional statements

When are inline conditional statements useful?

> a new variable's value depends on the value of other variables

> boolean algebra and other logical transformations

$$grade = grade + 20 \text{ if bonus else } 100$$