



Plan für heute



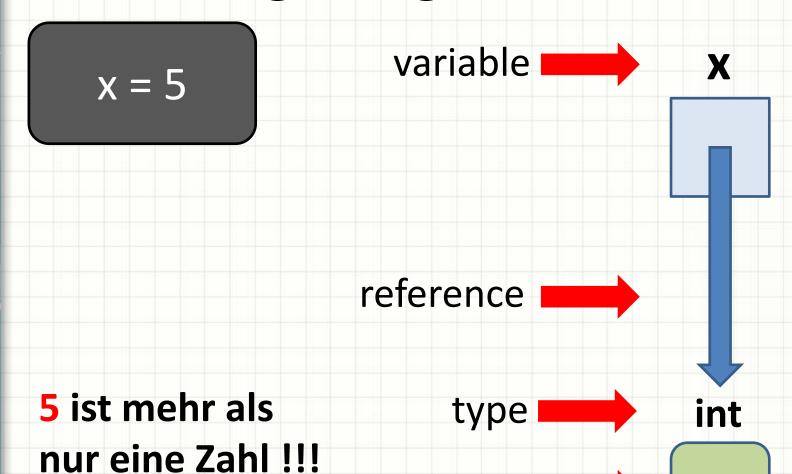
- 1 git recap (Q&A)
- Zuweisungen in Python
- Mutable vs. Immutable
- 4 Kleine Übung

git recap

- Fragen?
- git configuration
 - Set email address
 - Set name
- set upstream
- fetch upstream



Schaut auf die wiki Seite

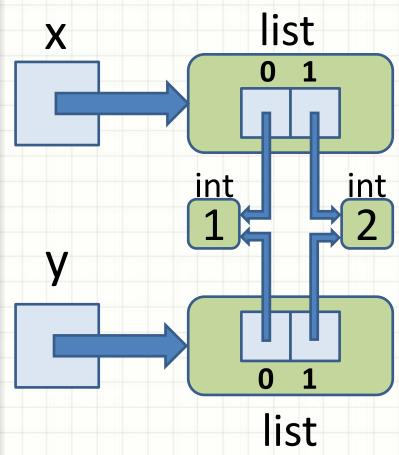


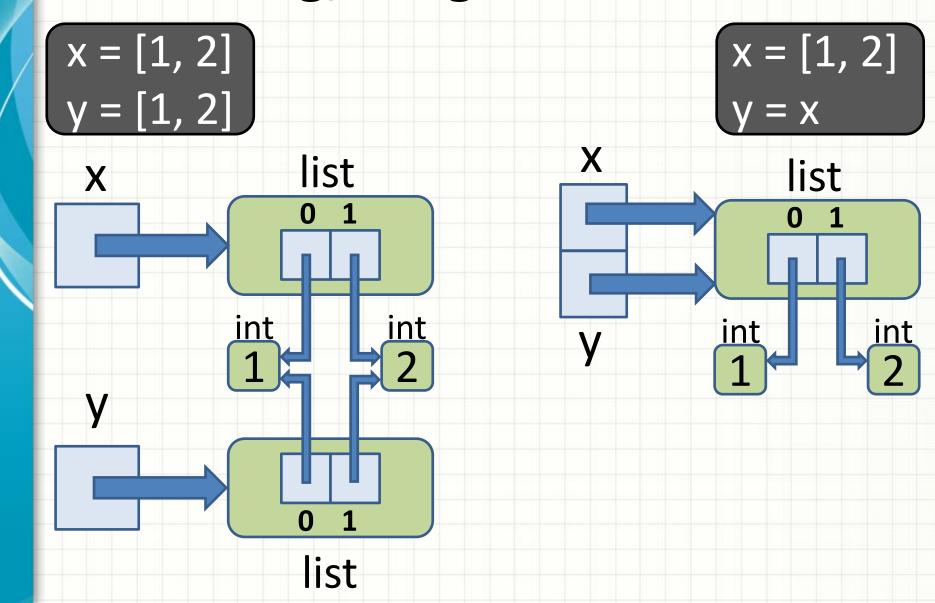
object

- Python bestimmt den Objekt Typ (duck typing)
- Das Object (z.B. die 5) hat Eigenschaften (Attributes) und Funktionen (Methods)
- Datentypen:
 Mutable vs. Immutable (veränderbar vs. unveränderbar)

$$x = [1, 2]$$

 $y = [1, 2]$

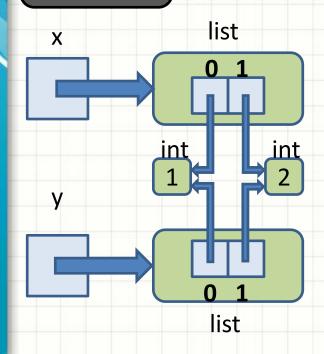


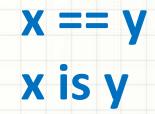


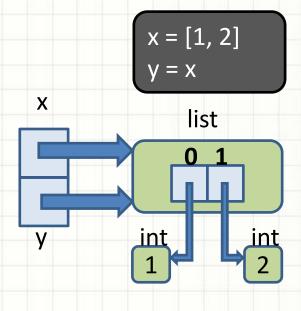
Vergleiche

$$x = [1, 2]$$

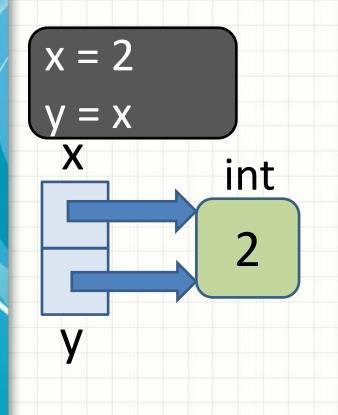
 $y = [1, 2]$

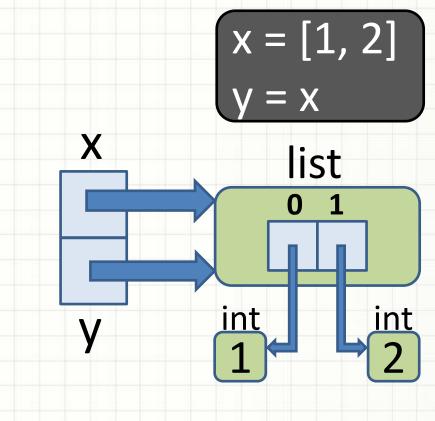






Immutable vs. Mutable

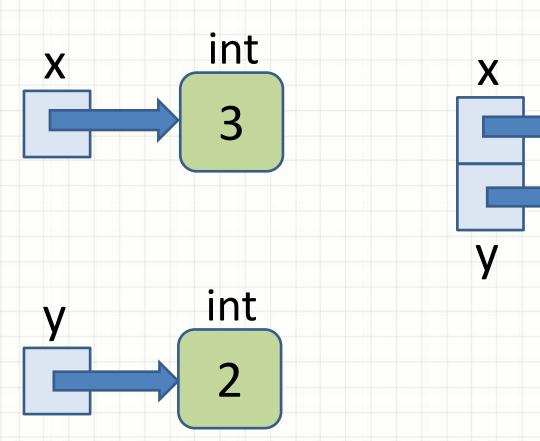


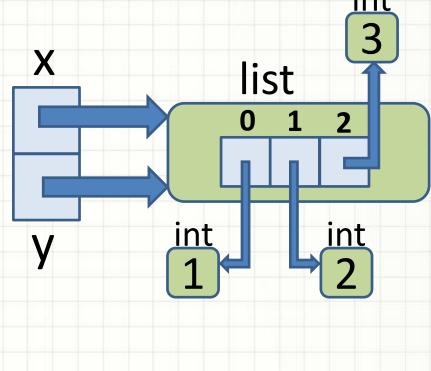


x = x + 1

x.append(3)

Immutable vs. Mutable





Aufgaben

- Öffnet assignment_1.py in einem beliebigen Text
 Editor
- Beantwortet die Aufgaben wie im Beispiel gezeigt
- Speichert das Text Dokument
- Führt assignment_1.py aus der Konsole aus

