

# CSCA08 TUTORIAL WEEK 9

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\*\*\* There will be a **quiz** on **dictionary** at the beginning of the class! \*\*\*

TUT 0014

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# THIS WEEK

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OOP: Review

OOP: Introducing `__eq__` and `__lt__`

# OOP

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Two special methods:

- `__init__`
- `__str__`

Class relations:

- Association: has-a
- Composition: part-of
- Inheritance: is-a

# OOP – A FEW MORE METHODS

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`__lt__(self, other)`: should return True if self is less than other

`__eq__(self, other)`: should return True if self is equal to other

# OOP: COMPARING OBJECTS

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$A < B$ : `__lt__`

$A > B$ : `not __lt__` and `not __eq__`

$A == B$ : `__eq__`

$A != B$ : `not __eq__`