

Numerical Methods in Materials Science and Engineering

Second Day

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- ▶ HW Clarification
- ▶ Running Programs
- ▶ Variables and Functions
- ▶ Strings
- ▶ Lists
- ▶ Tuples
- ▶ Sets
- ▶ Dictionaries
- ▶ Operators

Object Comparison

type	length	Ordered	Mutable	Slices	Index	Iterable
str	Yes	Yes	Yes	Yes	Yes	Yes
list	Yes	Yes	Yes	Yes	Yes	Yes
tuple	Yes	Yes	No	Yes	Yes	Yes
set	Yes	No	Yes	No	No	Yes
dict	Yes	No	Yes	No	Odd	Odd

Homework for Friday

- ▶ Finish reading sections 1-3 at (<http://docs.python.org/tutorial/>)
- ▶ Read section 4.
- ▶ Download the homework found at (<http://www.u.arizona.edu/~mgoodman/>)
- ▶ Follow the instructions there in and e-mail your answers to me before the start of class Friday.