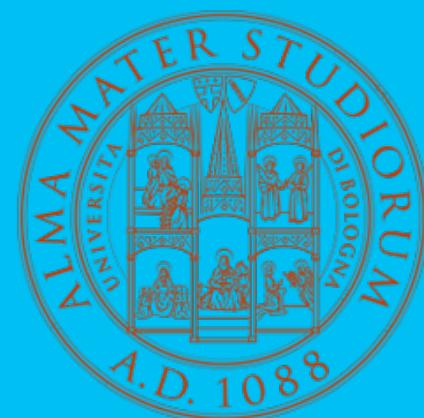
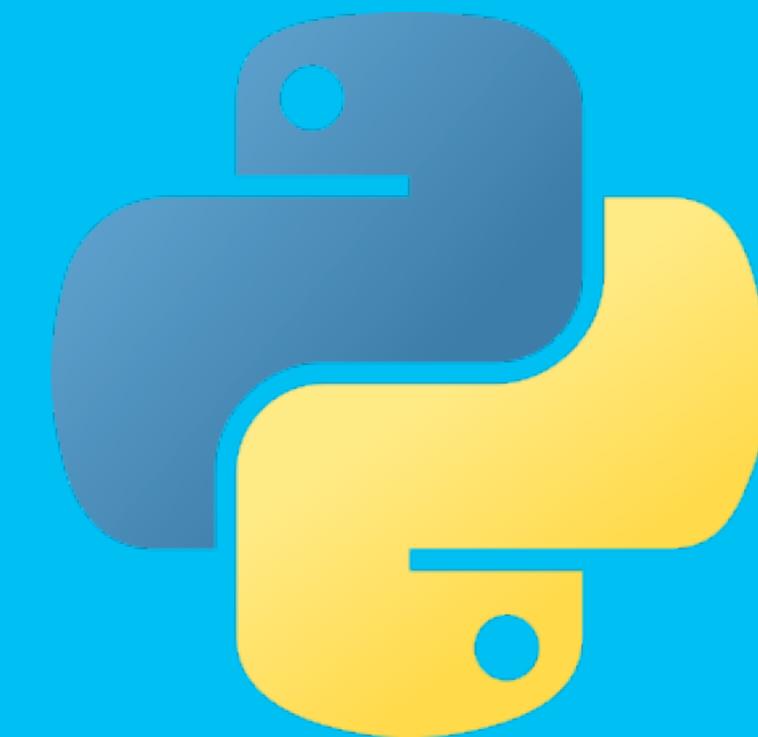


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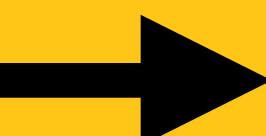
DAY 2



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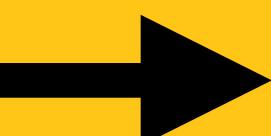
IN THE PREVIOUS LESSON...

- **Public Service Announcements**
- **A general introduction**
- **Notebooks and other ways to run Python**
- **Module 1: Numeric Types**
- **Module 2: Strings**



THE PLAN FOR TODAY

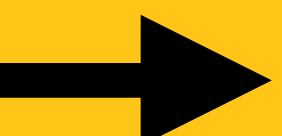
- **Module 3: Variables and Assignment**
- **Module 4: Types and Conversions**
- **Module 5: Calling Functions**



3. VARIABLES AND ASSIGNMENT

VARIABLES

- **Assignment**
- **Variables contain values**
- **String interpolation**
- **Reassigning a variable**
- **Naming conventions**





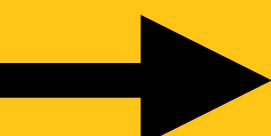
NOTEBOOK: VARIABLES AND ASSIGNMENT

- **Open <https://github.com/nusco/python-unibo/>**
- **Run through the “Variables and Assignment” notebook**

4. TYPES AND CONVERSIONS

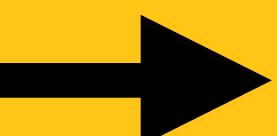
TYPES

- **Every value has a type**
 - `type()`
- **Implicit conversions**
- **Converting numbers to strings**
- **Converting strings to numbers**
- **Conversion errors**
- **`print()`'s little secret**



USER INPUT

- `input()`





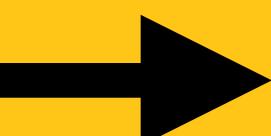
NOTEBOOK: TYPES AND CONVERSIONS

- **Open <https://github.com/nusco/python-unibo/>**
- **Run through the “Types and Conversions” notebook**

5. CALLING FUNCTIONS

FUNCTIONS

- **Example: finding the length of a string**
- **Example: converting a string to uppercase**
- **Functions and methods**
- **Nouns and verbs**
- **Immutable objects**



ARGUMENTS AND RETURN VALUES

- **Arguments and receivers**
- **Return values**
- **Chaining calls**





NOTEBOOK: CALLING FUNCTIONS

- **Open <https://github.com/nusco/python-unibo/>**
- **Run through the “Calling Functions” notebook**