

**PAOLO PERROTTA**

# **B3844 - PYTHON FOR BUSINESS LAB**

**2025/26**

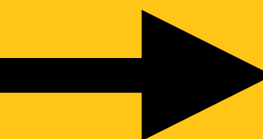
**DAY 2**



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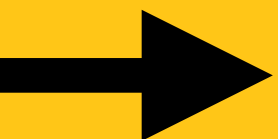
# IN THE PREVIOUS LESSON...

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



# THE PLAN FOR TODAY

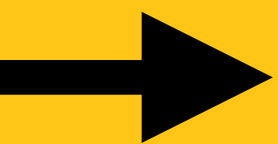
- **Module 3: Variables and Assignment**
- **Module 4: Types and Conversions**
- **Module 5: Calling Functions**



# 3. VARIABLES AND ASSIGNMENT

# VARIABLES

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



# NOTEBOOK: VARIABLES AND ASSIGNMENT

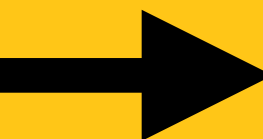


- **Open** `https://github.com/nusco/python-unibo/`
- **Run through the “Variables and Assignment” notebook**

# 4. TYPES AND CONVERSIONS

# TYPES

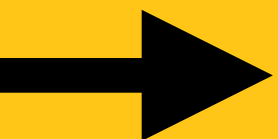
- **Every value has a type**
- `type()`
- **Implicit conversions**
- **Converting numbers to strings**
- **Converting strings to numbers**
- **Conversion errors**
- `print()`'s **little secret**





# USER INPUT

- `input()`



# NOTEBOOK: TYPES AND CONVERSIONS

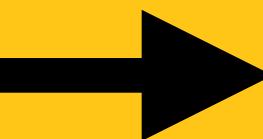


- **Open** `https://github.com/nusco/python-unibo/`
- **Run through the “Types and Conversions” notebook**

# 5. CALLING FUNCTIONS

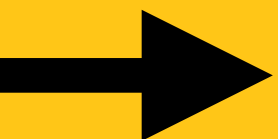
# FUNCTIONS

- **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**