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# 7) Recap lesson

## Agenda

- Working on assignments from previous lessons
- Checking the exercises done so far
- Recap of what we learned so far

## Q&A

- Any question regarding the previous lessons?
- Does everyone know how to use Git properly?
- Git global variables (name, email) and .gitignore checkup.
- You can try out commiting into the same Git repository as a group.

## Homework 7.1: Install Python 3

> **Note to instructor:** If there's enough time, do this at the recap session.

We will start learning the basic principles of programming in the next lessons. For this, we will use a **programming language called Python**.

Make sure to install **Python 3:** https://www.python.org/downloads/ (https://www.python.org/downloads/). Install the Python version that starts with 3.

**Windows users:** make sure to select "add to PATH" in the Python installation wizard.

If you use **Linux** or **Mac**, chances are that you already have Python 3 installed. Go to terminal and type in `python --version`. If it says Python 2, try `python3 --version` instead. If you get an error, download and install Python 3 from the Python website.

> *So far we learned coding with HTML and CSS, but they are not programming languages. HTML is a markup language and CSS is a styling language. In the following lessons you will learn programming principles with Python, which is a programming language.*

# Bonus homework 7.2: Logic puzzles

> *This homework is optional to do.*

A great way to train your programming thinking is by solving logic puzzles. How does it look like? See this YouTube video (https://www.youtube.com/watch?v=CNxfZwvaQ-k) to get a feeling how it works.

Then try to solve some of these four puzzles:

- 4x4 Baseball-Candy-Instruments puzzle (https://storage.googleapis.com/smartninja-org-assets/curriculums/wd1/pdf/4x4-baseball-candy-instruments.pdf)
- 4x4 Places-Cereals-Nicknames (https://storage.googleapis.com/smartninja-org-assets/curriculums/wd1/pdf/4x4-places-cereals-nicknames.pdf)
- 4x5 Birthdays-Careers-Countries (https://storage.googleapis.com/smartninja-org-assets/curriculums/wd1/pdf/4x5-birthdays-careers-countries.pdf)
- 4x6 Movies (https://storage.googleapis.com/smartninja-org-assets/curriculums/wd1/pdf/4x6-movies.pdf)

You can find even more logic puzzles on the Logic Puzzles (http://www.logic-puzzles.org/init.php) website.

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