UCLL HOGESCHOOL	Number of pages: 4	Lecturers: T. Van Nuland, S. Van Peborgh Course (OPO/OLA): Front-End Development OPO/OLA code: MBI01j
Date: 12/01/2026, afternoon Group: 1 ACS		Student Name: First name student: Student number:
Allowed tools: All documents on your laptop. *GenAI tools are not allowed.*	The **standard duration** for this exam is **2h20min**, but each student gets 30% extra time, so **3 hours in total**	Points: /14

GENERAL INSTRUCTIONS

Connect to the Wi-Fi network "ans". The password is "examen001". Through this network you only have access to ANS, and **you cannot reach the internet**.

Surf to ANS via this URL: https://toledo.kuleuven.be/ans-examen
The exam must be submitted via ANS. Use your smartphone to log in to ANS. As soon as you are logged in, put your smartphone away.

You can find the exam in the ANS course **Front-End Development (BCS).** You need an access code to open the test. This will be shared as soon as all students are ready to start the exam. Don't forget to hand in the test when you're done.

Download files

Open the test on ANS "**20260112 – Exam NM"** and download the necessary files:

- **Front-end_january_startcode_NM.zip:**
  Unzip and rename the folder "start code" to "<lastname>_<firstname>"
- **Front-end_january_backend_NM.zip**:
  This is what you need for question 3. Unzip into a separate folder.
- **Front-end_january_movieclips_NM.zip:** These videos show what the end result of each question should look like. Unzip in a separate folder (not in the start code folder!).

Startup

Open the folder “<lastname>_<firstname>” in VSCode and start Live Server on question-1.html.

Submit

Create a zip file of your code (only the folder "<lastname>_<firstname>"). Submit the zip file via the ANS test "**20260112 – Exam NM".** If your zip file is incomplete or corrupt, you will get a 0 on the exam!

Evaluation criteria

- The functionality of each subquestion must work correctly, otherwise you will get a 0 on that question. You can earn points with each subquestion.
- If the functionality works, the code must be implemented according to the learned principles to get the full points for a subquestion.