

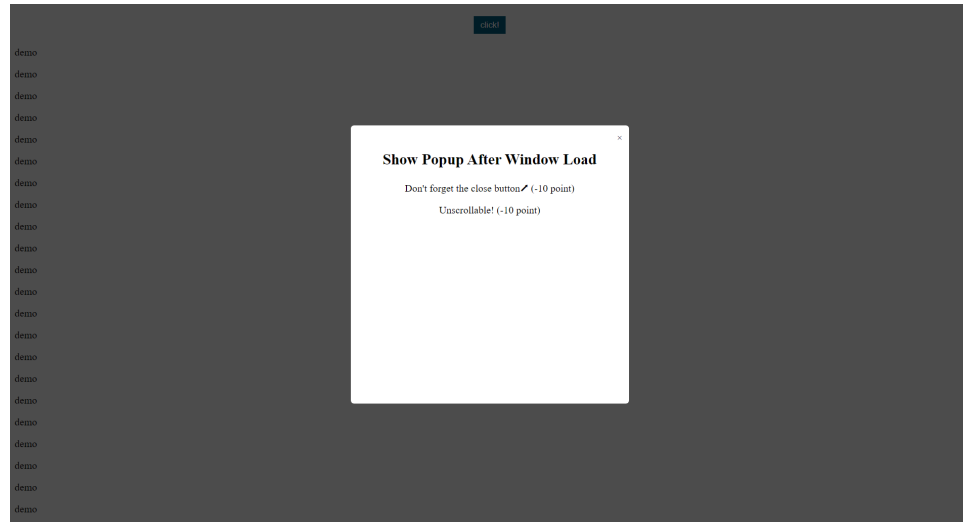
Homework 3

- Based on your HW1, you need to add some new functions
- Do not use any library or related website tools
- HW3 will be viewed under Google Chrome
- Delay = Copy = 0
- In **all** the source code files, you need to add the identifications on the **top** of the files
 - Otherwise your grade will be deducted by **20**
`<!-- 4001234567 王小明 第三次作業 11/1`
`4001234567 Ming Wang The Third Homework 11/1 -->`
- Compress all your files into **HW3_學號_學生名.zip**
 - Otherwise your grade will be deducted by **20**
- If you have any questions, please contact **all the three** TAs through **E3 mail system**
- **Deadline: 11/1 23:30**

Homework 3

- Create a “HW3_學號_學生名.pdf” in HW3_學號_學生名.zip
 - Show the screenshots of all the required functions
 - Write down the locations (.html) of the functions
- Example:

Show the popup automatically after page load
Location: b.html



Homework 3

- Use `window.open()` to add the following functions
 - Click the button to open a link in new tab (in current window) (-10 points)
 - Click the button to open a link in new window (-10 points)

Homework 3

*Design the content of the pop-ups by yourself.

- Show the pop-up automatically after page load
 - Make it **unscrollable** (-5 points)
 - Add the close button in the popup (-10 points)
 - Darken the background behind the popup (-5 points)
- Show the pop-up when the user clicks the button
 - Make it **scrollable** (-5 points)
 - Add the close button in the popup (-10 points)
 - Darken the background behind the popup (-5 points)

Demo Video

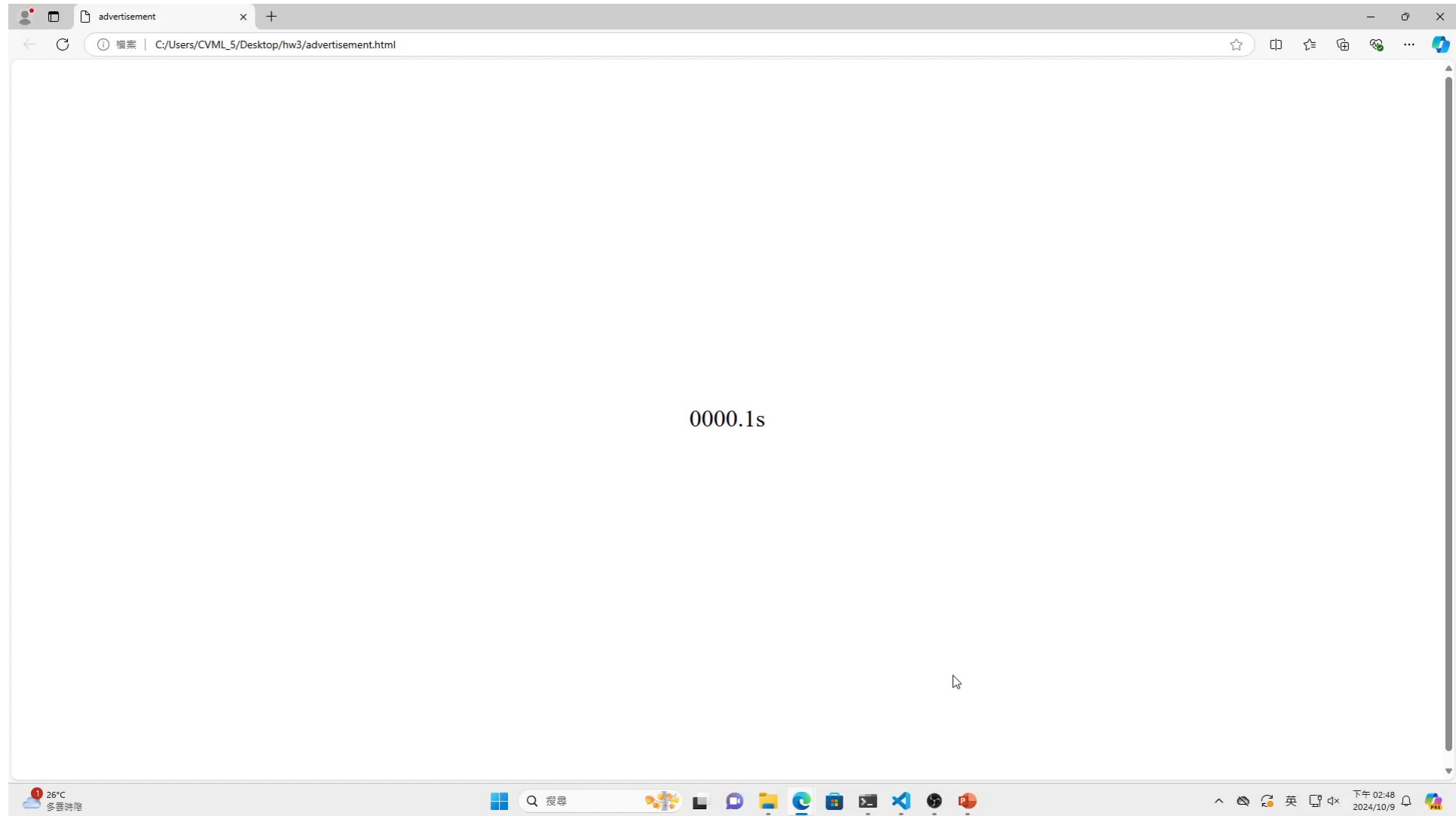


Homework 3

*Design the content of the pop-ups by yourself.

- Show the pop-up advertisement
 - Show the advertisement at bottom right corner of the screen (-5 points)
 - Show the advertisement 3 seconds after page load (-5 points)
 - Add the close button in the popup (-10 points)
 - Make it noticeable but smaller than $\frac{1}{3}$ of whole page (-5 points)
- Show the browsed time after page load
 - Show it at the same page that shows the advertisement (-5 points)
 - Display in the format “**xxxx.ds**”, where xxxx is the zero-padded integer part of the passed seconds and d is the decimal part (-5 points)
 - ex: 0013.4s for 13.4 passed seconds after page load
 - Update every 0.1 second (-5 points)
 - Time display is tolerable with the error less than 0.5 second (-5 points)

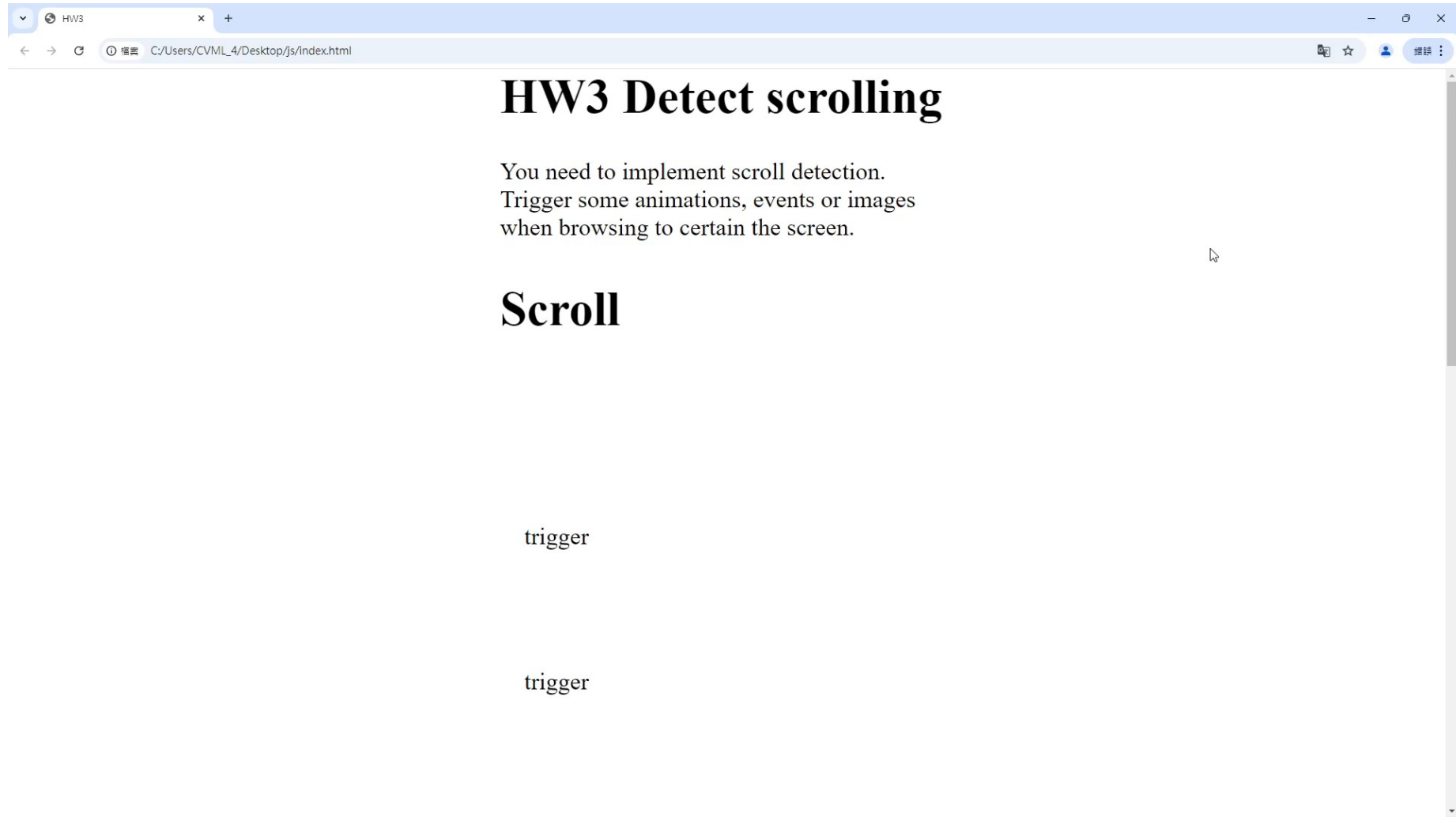
Demo Video



Homework 3

- You need to implement scroll detection with javascript on one of the page (-10 points)
 - Trigger some animations, events or images when browsing

Demo Video



Homework 3

- Design 5 different functions with JavaScript by yourself (each -10 points)