HW2 Use JavaScript to make your website!

I. Introduction

- Based on your HW1, you need to add some new features
 - You can modify the files from HW1 or create new files
- Use HTML, CSS, and JavaScript to do this homework
- Use relative paths!!!! ("./")
 - -20 pts if we need to modify your codes

- Use window.open() to add the following functions
 - Click the button to open a link in new tab (in current window) (-5 pts)

- demovideo1.mkv
- Show the pop-up automatically after page load
 - Make the pop-up unscrollable (-5 pts)
 - Add the close button in the popup (-10 pts)
 - Darken the background behind the popup (-5 pts)
- Show the pop-up when the user clicks the button
 - Make the pop-up scrollable (-5 pts)
 - Add the close button in the popup (-5 pts)
 - Darken the background behind the popup (-5 pts)

- demovideo2.mkv
- Show the pop-up advertisement
 - Show the advertisement 3 seconds after page load (-5 pts)
 - how the advertisement at bottom right corner of the screen (-5 pts)
 - Add the close button in the pop-up (-5 pts)
 - Make it noticeable but smaller than ⅓ of whole page (-5 pts)
- Show the browsed time after page load
 - Show it at the same page that shows the advertisement (-5 pts)
 - 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 pts)
 - ex: 0013.4s for 13.4 passed seconds after page load
 - Update every 0.1 second (-5 pts)
 - Time display is tolerable with the error less than 0.5 second (-5 pts)

- demovideo3.mkv
- Implement scroll detection with JavaScript on one of the page (-10 pts)
 - Trigger some animations, events or images when browsing

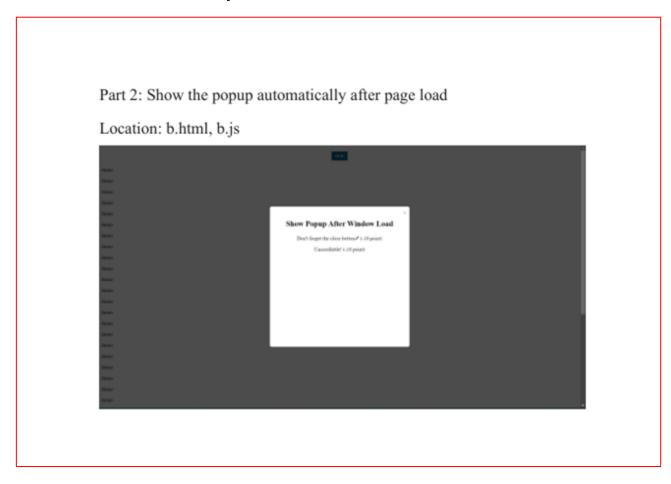
- Design other features
 - Each feature must utilize JavaScript
- Less points
 - I made 5 features! The snowflake animation in the background can move up, down, left, right and the size of the snowflakes is different
- More points
 - I made 5 features:
 - Snowflake animation
 - Other animation trigger by scrolling

III. Submission Format

- Create a "HW2_StudentID_Name.pdf" in HW2_StudentID_Name.zip
 - This is the README file
 - Show the screenshots of all the requirements
 - Write down the locations (.html / .js) of the functions (tell us where can we try it)

III. Submission Format

README file example



IV. Notion

- HW2 will be viewed under Google Chrome
- Delay / Copy = 0
- Compress all your files into HW2_StudentID_Name.zip (-20pts)
- If you have any questions, please contact all the TAs through E3 mail system
- Deadline
 - 10/16 23:59