

Lab Activity 4:

Q1. Create a HTML, CSS &JS project of your choice and do the following operations in the project:

- a. Add a drop-down list of items in your page (the drop-down list must have at least 5 items.
- b. Create a button on your page to set background-image using jQuery CSS property. (If button is pressed, page background changes to the image of your choice)
- c. Create an input-field on your webpage that detects keystroke '3'. (alert page when 3 is pressed)
- d. A Blinking text on the page using jQuery. (BONUS)

Ungraded (for practice only)

Download JSON file data.js from the session files which will be used in this activity.

Q2. Create a file 'out.js; and import data form 'data.js'(already given). This included file contains a JSON object which contains marks (out of 100) for the students in the following format:

<name>: [marks1, marks2, marks3, marks4, marks5]

Now write the following functions:

- 'getHighestMarks': This function should take the data (as mentioned above) and return name of the student with the highest total.

- 'getSubject2Toppers': This function should take the data and return a sorted array of students' name with highest marks2. Since there may be more than one student so you should return name of all of them in sorted order.

- out.js will be run using 'node out.js' and should output (print) the required things on the terminal itself.
- data.js must be present locally in your submission folder.