

LAB – 06: HTML, CSS, Bootstrap, and JavaScript

Objective:

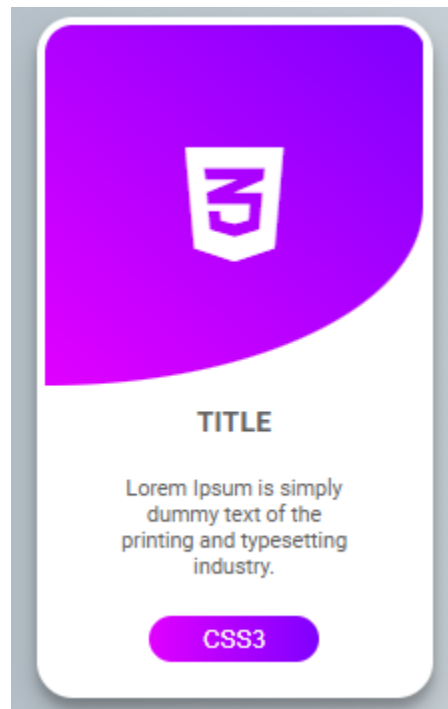
- Using HTML, CSS, Bootstrap, and JavaScript concepts learnt so far.
- Use of external CSS and JavaScript.

Submission:

- Submission of your MUST be on Moodle.
- Emailed submission will not be accepted.
- Plagiarized work will not be marked.

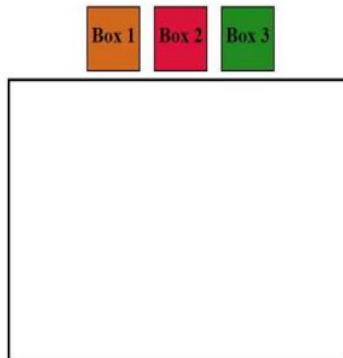
Task 1: Design the following card design.

Color Hex Code: #7F00FF, #E100FF

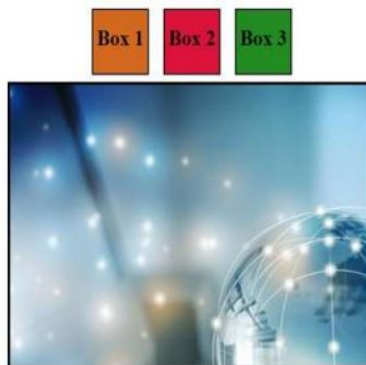


Task 2: In this task you must design 3 small inline boxes having box numbers and background color as shown in the picture below. Then create a larger rectangular box below the boxes. Use hover effects in a way that whenever the user hovers at any of the inline boxes the background image of the larger box changes. Initially, there will be no background image in the larger box.

Original Image:



Hovering over Box 1:



Hovering over Box 2:



Task 3: Write a JavaScript program that checks whether a number is prime or not.

Task 4: Write a program that computes whether the input year is leap year or not.