

CS 213: System Software Lab
Autumn 2023, IIT Dharwad
Assignment-7
Java Script

Task#1

The objective is to design a webpage that includes text and a button. When the button is clicked, it should toggle the color of all text on the webpage between black and blue. Solve the same problem using inline, internal, and external Javascript.

[Note#1: Text should be like - "Assignment-6 task1"]

[Note#2: Solve the same objective with inline, internal, and external Javascript.]

Task#2

Create a web page that initially displays the number "0" and features a button. With each click on the button, the displayed number should increment by "1." Additionally, whenever the counter reaches a multiple of "10," it should trigger an alert box displaying the current value of the counter.

Task#3

Develop a web page that includes an input text field for mobile numbers and a submit button. Upon submission, the user input should undergo validation as follows: it must be a 10-digit number, and it should start with the digit "9." The validation result should be communicated to the user using an alert box.

Instructions:

- Posted on: 06-11-2023; 12:00 AM
- Due date: 11-11-2023; 11:59 PM
- Your submission should contain the .html and java script files. After execution of the html page, it should produce the output of the corresponding objective.
- Mode of submission is moodle. Any other kind of submissions are not accepted.
- Please submit both the "html and css" file, named as "<roll-no>.zip", where <roll-no> should be replaced with your IIT Dharwad roll number. All the files of the corresponding tasks should be inside the <roll-no>.zip only.
- To be considered for the evaluation without penalty, you have to submit your program by the due date. No single minute relaxation on late submission.
- **Copying others' programs and allowing others to copy your program are serious offenses and a deserving penalty(100%) will be imposed if found.**