CS-213 : Lab 2 :JavaScript

13 August 2019

In this lab you will learn to use HTML forms and Javascript.
Deadline : 1800 hours 14 August 2019.

Submission Guidelines:

Please create a directory called "rollno-lab2" where "rollno" is your roll number.
Keep your html pages and all relevant files in this directory
Use following command to create a tar ball :

tar -czvvf rollno-lab2.tgz rollno-lab2/

Upload this tarball "rollno-lab2.tgz" on moodle.
Do not change cases, and do not deviate from the naming scheme for your scripts, directory or tar file to be uploaded.

1. Develop a web-page using javascript for Drivers License Eligibility, with the following HTML form elements:

   - Age (text box)
   - Check Eligibility (button)

   On clicking the Check Eligibility button, perform the following tasks:

   (a) If the age does not lie between the interval 18 to 100, display an alert box with an error message.

   (b) If the above constraint is satisfied, display a success message such as **You are eligible!**.

   Alternatively, can this validation be performed while making use of attributes of a textbox ?

2. Develop a web-page using javascript to do the following:
   palindrome.html : Accept a string through a form and declares if it's a palindrome.

3. Develop a web-page using javascript to do the following:
   gcd.html : Compute gcd of two numbers input through a form, and display it.

4. Develop a web-page using javascript to do the following:
   Fibonacci.html : Accept an integer n , then generate first n Fibonacci numbers.