

Assignment: JavaScript

Overview:

This assignment has four exercises, each for around 20-60 minutes. You are expected to complete the course/ reference reading before attempting the exercise. On completion of the exercises, you will be able to achieve the following objectives:

S.No	Exercise	Description	Learning Objective
1	JavaScript function	This exercise is to create your own JavaScript function and use in the HTML page	Create JavaScript user defined functions.
2	JavaScript DOM	This exercise is to create your own JavaScript function using DOM	Create JavaScript user defined functions using DOM.
3	JavaScript DOM	This exercise is to create your own JavaScript function using DOM	
4	Web page Development & JavaScript Validation	This exercise is to create your own JavaScript function to validate the HTML form	Create JavaScript user defined functions to validate the HTML form elements.

JavaScript

Exercise 1: Write a JavaScript function that generates all combinations of a string.

Recommended duration: 15

Exercise 2: Write a JavaScript function to add a row to a table dynamically.

Recommended duration: 20 minutes

Exercise 3: Write a JavaScript program to count and display the items of a dropdown list, in an alert window fields

Recommended duration: 15 minutes

Exercise 4: Design a Candidate Registration Form, where the candidates can login and provide their personal, educational and professional details. The form should contain the following fields:

Login Details

- User Name
- Password
- Re-enter Password s

Personal Details

- First Name
- Last Name
- Email
- Gender
- Phone No
- Preferred Job Location

The user should be able to select multiple job locations.

Professional Details

- Experience (in years)
- Job Category
- Key Skills

The user should be able to select multiple job categories.

Educational Details

- Degree Held
- Specialization

The form should also contain buttons to submit or reset the values entered in the various fields
Validate all the HTML form elements using JavaScript functions.

Recommended duration: 60 minutes