

STUDENT HANDOUT JAVASCRIPT CHAPTER2

INTRODUCTION TO JAVASCRIPT

About Workshop

In this workshop, we will cover everything from JavaScript basics, form validation using conditional statements, and functions. These elements are essential building blocks for creating dynamic and interactive web applications. This chapter is divided into four workshops, each of which demonstrates how JavaScript code can be used to dynamically validate forms on your webpage. This includes character, null, email, password, and number validation achieved through function calls. The Scrum Master can assign different tasks from the workshop to team members, and you can then proceed to walk through the tasks assigned to you.

Workshop1:

During this workshop, we will create a webpage for a job provider. The webpage include a sidebar, footer, and a job posting form with input fields for job title, description, salary, and location. In this workshop, we will apply JavaScript functions and conditional statements to validate the form. Specifically, we will implement form validation to ensure that inputs are not null and that the job title and description contain only alphabetic characters. Additionally, you should add a function to validate that the salary input contains only numeric values.

Expected Output:



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workshop1 - Google C

Workshop 2:

In this workshop, we will create a login page and a profile page for a job seeker. The login page will include a login form. During this workshop, we will apply JavaScript functions and conditional statements to validate the form. Specifically, we will implement form validation to ensure that inputs are not null and that the email and password inputs are correct. If the email and password are correct, the

user will be redirected to the profile page. Additionally, you should add a function to validate that the email input follows the correct pattern.

Expected Output:



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Workshop 3:

In this workshop, we will create a login page and a profile page for a job seeker. The login page will include a login form. During this workshop, we will apply JavaScript functions and conditional statements to validate the form. Specifically, we will implement form validation to ensure that inputs are not null and that the email and password inputs are correct. If the email and password are correct, the user will be redirected to the profile page. Additionally, you should add a function to validate that the email input follows the correct pattern.

Expected Output:



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Workshop:4

In this workshop, we will create a webpage for chatting. The webpage will include a list of all contacts and their corresponding chat boxes. During the workshop, we will apply JavaScript functions and conditional statements to open the chat box for the selected contact. When a contact is selected, the corresponding chat box will open, and we will hide the other chat boxes. Additionally, you should repeat this process for multiple contacts.

Expected Output:

Expected out as shown in the screen record.



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