TASK-2

ASSIGNMENT-3

**1. What is a <textarea>?**

The <textarea> tag defines a multi-line text input control.

The <textarea> element is often used in a form, to collect user inputs like comments or reviews.

A text area can hold an unlimited number of characters, and the text renders in a fixed-width font (usually Courier).

The size of a text area is specified by the cols and rows attributes (or with CSS). The name attribute is needed to reference the form data after the form is submitted (if you omit the name attribute, no data from the text area will be submitted).

</textarea> - this is a closing textarea tag

|  |  |
| --- | --- |
| Attribute | Description |
| [autofocus](https://www.w3schools.com/tags/att_textarea_autofocus.asp) | Specifies that a text area should automatically get focus when the page loads |
| [cols](https://www.w3schools.com/tags/att_textarea_cols.asp) | Specifies the visible width of a text area |
| [dirname](https://www.w3schools.com/tags/att_textarea_dirname.asp) | Specifies that the text direction of the textarea will be submitted |
| [disabled](https://www.w3schools.com/tags/att_textarea_disabled.asp) | Specifies that a text area should be disabled |
| [form](https://www.w3schools.com/tags/att_textarea_form.asp) | Specifies which form the text area belongs to |
| [maxlength](https://www.w3schools.com/tags/att_textarea_maxlength.asp) | Specifies the maximum number of characters allowed in the text area |
| [name](https://www.w3schools.com/tags/att_textarea_name.asp) | Specifies a name for a text area |
| [placeholder](https://www.w3schools.com/tags/att_textarea_placeholder.asp) | Specifies a short hint that describes the expected value of a text area |
| [readonly](https://www.w3schools.com/tags/att_textarea_readonly.asp) | Specifies that a text area should be read-only |
| [required](https://www.w3schools.com/tags/att_textarea_required.asp) | Specifies that a text area is required/must be filled out |
| [rows](https://www.w3schools.com/tags/att_textarea_rows.asp) | Specifies the visible number of lines in a text area |
| [wrap](https://www.w3schools.com/tags/att_textarea_wrap.asp) | Specifies how the text in a text area is to be wrapped when submitted in a form |

Eg:

<html>

<head>

<style> textarea {

resize: none;

}

</style>

</head>

<body>

<label for="w3review">Review of W3Schools:</label>

<textarea id="w3review" name="w3review" rows="4" cols="50">

At w3schools.com you will learn how to make a website. They offer free tutorials in all web development technologies.

</textarea>

</body> </html>

**2. What is <optgroup>?**

The HTML <optgroup> Tag is used to create a group of the same category options in a drop-down list. The <optgroup> tag is required when there is a long list of items exist. It has a single attribute, label which is used to specify a label or heading for the grouped options.

Syntax: <optgroup> <option>..</option>

.

.

</optgroup>

|  |  |
| --- | --- |
| Attribute Values | Description |
| [label](https://www.geeksforgeeks.org/html-optgroup-label-attribute/) | It is used to specify the label for an optgroup. |
| [disabled](https://www.geeksforgeeks.org/html-optgroup-disabled-attribute/) | It is used to disable the option-group in a list. |

Eg:

<!DOCTYPE html> <html>

<body>

<h1>HTML optgroup Tag</h1> <select>

<!-- optgroup tag starts -->

<optgroup label="Programming Languages">

<option value="C">

C

</option>

<option value="C++">

C++

</option>

<option value="Java">

Java

</option>

</optgroup>

<optgroup label="Scripting Language">

<option value="JavaScript"> JavaScript

</option>

<option value="PHP">

PHP

</option>

<option value="Shell">

Shell

</option>

</optgroup>

<!-- optgroup tag ends -->

</select>

</body>

</html>