**JAVA SCRIPT Assignment**

1. Create a form where the user enters the date of birth, write a javascript to display the date ,

month and year in words.

Name : XXXXXXXXXX

DOB : 07/09/2002

Seventh September two thousand two

1. Show the date and time when a page loads.

Date : 19/4/2004

Time : 10:00:00 AM

1. The program in 1 should add the names as shown below.

Sl No Name date of birth edit/delete

1. XXXXX dd/dd/dddd edit/delete
2. YYYYY dd/dd/dddd edit/delete

Write HTML and JavaScript code where user can edit or delete the details.

Note: You can use these kinds of use cases for your project.

1. Write a html, java script program for the following, which with pressing edit button you can edit the paragraph and save the content.

JavaScript often abbreviated as JS, is a [programming language](https://en.wikipedia.org/wiki/Programming_language) that conforms to the [ECMAScript](https://en.wikipedia.org/wiki/ECMAScript) specification. JavaScript is [high-level](https://en.wikipedia.org/wiki/High-level_programming_language), often [just-in-time compiled](https://en.wikipedia.org/wiki/Just-in-time_compilation), and [multi-paradigm](https://en.wikipedia.org/wiki/Programming_paradigm). It has [curly-bracket syntax](https://en.wikipedia.org/wiki/List_of_programming_languages_by_type#Curly-bracket_languages), [dynamic typing](https://en.wikipedia.org/wiki/Dynamic_typing), [prototype-based](https://en.wikipedia.org/wiki/Prototype-based_programming) [object-orientation](https://en.wikipedia.org/wiki/Object-oriented_programming), and [first-class functions](https://en.wikipedia.org/wiki/First-class_function).

Alongside [HTML](https://en.wikipedia.org/wiki/HTML) and [CSS](https://en.wikipedia.org/wiki/CSS), JavaScript is one of the core technologies of the [World Wide Web](https://en.wikipedia.org/wiki/World_Wide_Web).[[8]](https://en.wikipedia.org/wiki/JavaScript#cite_note-8) JavaScript enables interactive [web pages](https://en.wikipedia.org/wiki/Web_page) and is an essential part of [web applications](https://en.wikipedia.org/wiki/Web_application). The vast majority of [websites](https://en.wikipedia.org/wiki/Website) use it for [client-side](https://en.wikipedia.org/wiki/Client-side) page behavior, and all major [web browsers](https://en.wikipedia.org/wiki/Web_browser) have a dedicated [JavaScript engine](https://en.wikipedia.org/wiki/JavaScript_engine) to execute it.

As a multi-paradigm language, JavaScript supports [event-driven](https://en.wikipedia.org/wiki/Event-driven_programming), [functional](https://en.wikipedia.org/wiki/Functional_programming), and [imperative](https://en.wikipedia.org/wiki/Imperative_programming) [programming styles](https://en.wikipedia.org/wiki/Programming_paradigm). It has [application programming interfaces](https://en.wikipedia.org/wiki/Application_programming_interface) (APIs) for working with text, dates, [regular expressions](https://en.wikipedia.org/wiki/Regular_expression), standard [data structures](https://en.wikipedia.org/wiki/Data_structure), and the [Document Object Model](https://en.wikipedia.org/wiki/Document_Object_Model) (DOM). However, the language itself does not include any [input/output](https://en.wikipedia.org/wiki/Input/output) (I/O), such as [networking](https://en.wikipedia.org/wiki/Computer_network), [storage](https://en.wikipedia.org/wiki/Data_storage), or [graphics](https://en.wikipedia.org/wiki/Computer_graphics) facilities, as the host environment (usually a web browser) provides those APIs.

JavaScript engines were originally used only in web browsers, but they are now embedded in some [server-side](https://en.wikipedia.org/wiki/Server-side) website deployments, usually via [Node.js](https://en.wikipedia.org/wiki/Node.js). They are also embedded in a variety of applications created with [frameworks](https://en.wikipedia.org/wiki/Software_framework) such as [Electron](https://en.wikipedia.org/wiki/Electron_(software_framework)) and [Cordova](https://en.wikipedia.org/wiki/Apache_Cordova).

Although there are similarities between JavaScript and [Java](https://en.wikipedia.org/wiki/Java_(programming_language)), including language name, [syntax](https://en.wikipedia.org/wiki/Syntax_(programming_languages)), and respective [standard libraries](https://en.wikipedia.org/wiki/Standard_library), the two languages are distinct and differ greatly in design.

EDIT

1. Write HTML and java code to append “water” to the following

* Coffee
* Tea

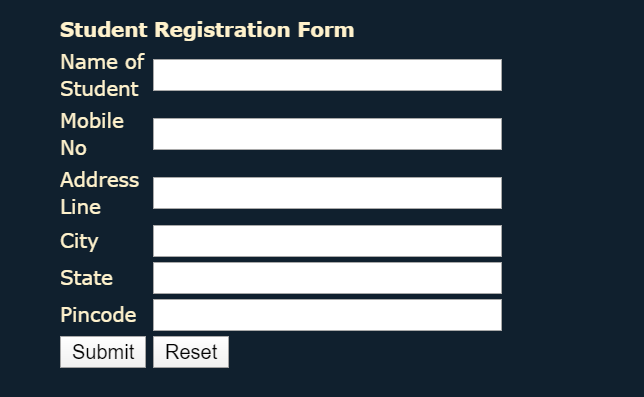
1. Write a JavaScript program to design student registration form and perform following validation:

-Check all fields should not contain a null value

-Check name field contains only alphabets

-Mobile No field should be of 10 digits

-Pin code field should be of 06 digits



1. Draw the Document Object Model for 6 and answer the following.
   1. What are the different ways to access the city field. Write the code.
   2. Write java code when the city is entered, the pincode should come automatically. Show for 3 cities.
   3. When the form is loaded the cursor should be displayed in Name of student field. (use onload())
2. Write a JS program to create an Image Slider.
3. Write a JavaScript Function to accept First Name and Last Name from user.

Display users entered information {hint use alert and prompt dialog box}

1. Write a JavaScript program which prompts the user to venter temperature in degrees and this is converted to Fahrenheit and displayed.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Question-7</title>

<script src="7.js"></script>

<style>

ul {

display: table;

margin: 0 auto;

}

</style>

</head>

<body onLoad="focusOnMyInputBox();">

<div style="text-align: center;">

<h1 id="question">Question-7</h1>

<form action="#">

<h2>Student Registration Form</h2>

<table style="margin: auto;">

<tr>

<td style="text-align: right;"><label for="Name">Name of the Student:</label></td>

<td style="text-align: left;"><input type="text" name="Name" id="Name" required autofocus><span style="display: none;" id="nam">\*only alphabets</span><br></td>

</tr>

<tr>

<td style="text-align: right;"><label for="phone">Mobile Number:</label></td>

<td style="text-align: left;"><input type="number" name="phone" id="phone" required><span style="display: none;" id="ph">\*enter 10digit number</span></td>

</tr>

<tr>

<td style="text-align: right;"><label for="address">Address:</label></td>

<td style="text-align: left;"><input type="text" name="address" id="address" required><br></td>

</tr>

<tr>

<td style="text-align: right;"><label for="city">City:</label></td>

<td style="text-align: left;"><input type="text" name="city" id="city" class="city1" oninput="pinfunc()" required><br></td>

</tr>

<tr>

<td style="text-align: right;"><label for="State">State:</label></td>

<td style="text-align: left;"><input type="text" name="state" id="state" required><br></td>

</tr>

<tr>

<td style="text-align: right;"><label for="pin">Pincode:</label></td>

<td style="text-align: left;"><input type="number" name="pincode" id="pincode" required><span style="display: none;" id="pin">\*enter 6digit pincode</span><br></td>

</tr>

</table>

<button id="check" type="button" onclick="func()">Check</button><br><br>

<button type="submit" id="submit" disabled onclick="func2()">Submit</button>

<button type="reset">Reset</button><br>

</form>

<h1>DOM Tree</h1>

<img src="photo.png" alt="DOM of question6" style="height: 300px;width: 600px;border: 3px solid black;">

<h3>Different ways Accessing City Field:</h3>

<ul>

<a href="javascript:run(1);"><li>document.getElementById("city").value</li></a>

<a href="javascript:run(2);"><li>document.getElementsByClassName("city1")[0].value</li></a>

<a href="javascript:run(3);"><li>document.getElementsByTagName("input")[3].value</li></a>

<a href="javascript:run(4);"><li>document.querySelector("#city").value</li></a>

<a href="javascript:run(5);"><li>document.querySelector(".city1").value</li></a>

<a href="javascript:run(6);"><li>document.querySelectorAll("input")[3].value</li></a>

</ul>

<h3>Cities and Respective pincodes</h3>

<ul>

<li>hyderabad : 500044</li>

<li>Amritapuri : 690546</li>

<li>Bangalore : 560021</li>

<li>Chennai/Madras : 600029</li>

</ul>

</div>

</body>

</html>