# Front End Technologies Week 1 Coding Assignment

**Points possible:** 70

|  |  |  |
| --- | --- | --- |
| Category | Criteria | % of Grade |
| Functionality | Does the code work? | 25 |
| Organization | Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear. | 25 |
| Creativity | Student solved the problems presented in the assignment using creativity and out of the box thinking. | 25 |
| Completeness | All requirements of the assignment are complete. | 25 |

**Instructions:** In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week’s assignments and push this document, with your project code, to the repository. Add the URL for this week’s repository to this document where instructed and submit this document to your instructor when complete.

**Coding Steps:**

1. Create a website using only HTML. The website can be anything you like (within school guidelines) as long as it meets the following criteria – website must contain:
   1. At least 3 pages **DONE**
   2. Links to navigate between all pages present on each page **DONE**
   3. A list **DONE**
   4. 3 images **DONE**
   5. 2 different size headers **DONE**
   6. A table **DONE**
   7. A form **DONE**

**Screenshots of Code:**

**real\_Time\_Wm.html**

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="UTF-8">

        <meta  http-equiv="X-UA-Compatible" content="IE=edge">

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

        <title>Municipal Water Resource Agency (MWRA)</title>

    </head>

    <body>

        <h1>Home</h1>

            <div>

                <a href="real\_Time\_Wm.html">Real Time Water Management Monitoring and Modeling Tool <a><br>

                <a href="data\_management.html">Data Management<a><br>

                <a href="modeling.html">Modeling<a><br>

            </div>

       <p> </p>

    </body>

    </html>

**data\_management.html**<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title></title>

</head>

<body>

    <div>

        <a href="real\_Time\_Wm.html">Real Time Water Management Monitoring and Modeling Tool <a> <br>

        <a href="data\_management.html">Data Management<a><br>

        <a href="modeling.html">Modeling<a><br>

            <h2>Data Management<h2>

        </div>

    <table>

        <tr>

         <th>Watershed</h>

           <th>Precipitation</h>

          <th>Streamflow</h>

        <tr>

            <td>Basin A</td>

            <td>yes</td>

            <td>yes</td>

         <tr>

          <td>Basin B</td>

           <td>yes</td>

           <td>yes</td>

        <table>

            <img height="2000 px" src=visual\_2.png><br>

</body>

</html>

**modeling.html**<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

    <div>

        <a href="real\_Time\_Wm.html">Real Time Water Management Monitoring and Modeling Tool <a><br>

        <a href="data\_management.html">Data Management<a><br>

        <a href="modeling.html">Modeling<a><br>

    </div>

    <h1>Modeling</h1>

    <body>

     <ol>

           <li>Hydrology</li>

           <li>Reservoirs</li>

           <li>Rivers</li>

     <ol>

    <form>

    <h2>Contact US</h2>

         <input type="text" name="firstName" placeholder="First Name">

        <input type="text" name="lastName" placeholder="Last Name">

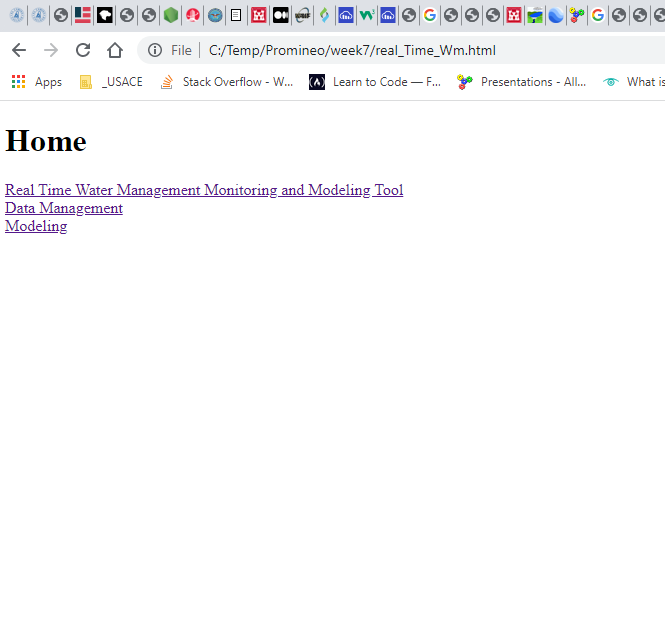
        <input type="text" name="phone" placeholder="Phone Number">

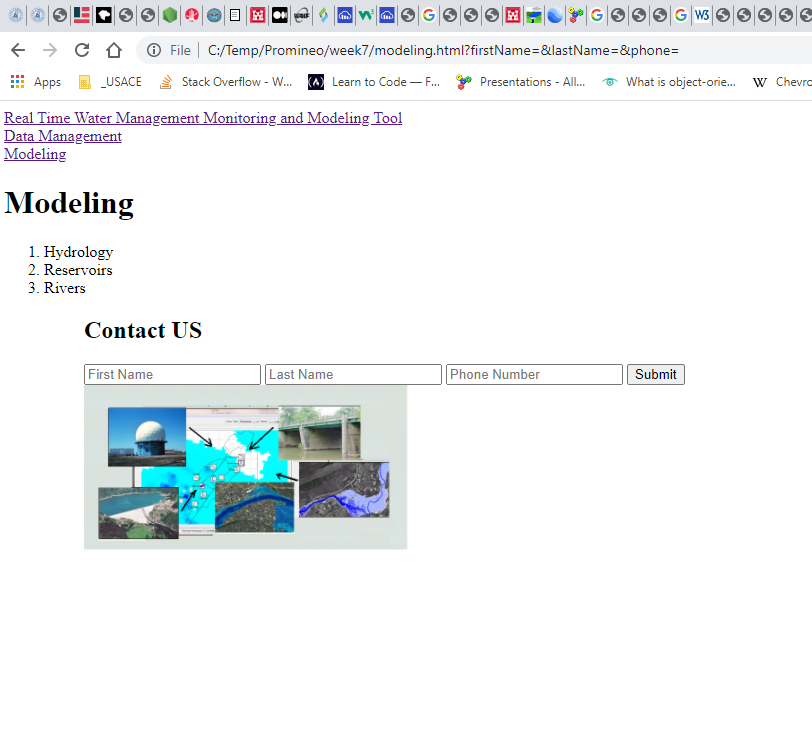
        <input type="submit" value='Submit'>

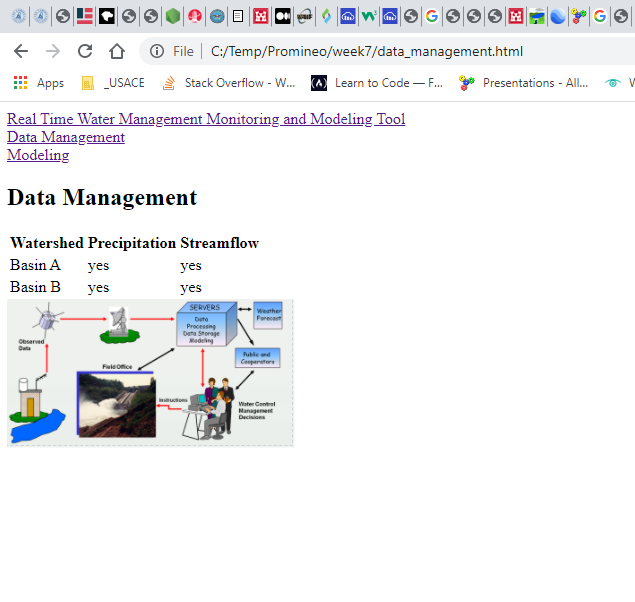
    </form>

    <img height="2000 px" src=visual.png><br>

</html>

**Screenshots of Running Application:  
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**URL to GitHub Repository:**

[**https://github.com/emcis/week\_7\_repository.git**](https://github.com/emcis/week_7_repository.git)

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