Green University of Bangladesh

Department of Computer Science and Engineering(CSE)
Semester: (Summer, Year:2021), B.Sc. in CSE (Day)

Lab Report-03
Course Title: Web programming Lab
Course Code: CSE-302   Section:193DE

Student Details

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Submitted Date   :08.12.2021
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Tittle: Design and develop a basic Form where the user input will be showed by a table using basic java script DOM

Objectives :

1. to gain basic understanding of HTML
2. to know the designing a basic form using javascript

Procedure :

1. First of all I installed vs code.

2. Secondly, I created HTML and CSS file.

3. Finally, I have input the javascript code into HTML body.

code :

```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>Form</title>
    <!-- css style start -->
    <style>
        .continer{
            width: 100%;
            height: 750px;
            background-color: gray;
        }
        .form-field{
            display: flex;
```

```css
        justify-content:left;
}
.input-field{
        width: 500px;
        height: 70px;
        margin: 10px;
}
.input-field input{
    width: 450px;
    height: 40px;
}
.btn-field{
        width: 180px;
        height: 50px;
        margin: 10px;
        background-color: black;
        border-radius: 5px;
        color: white;

}
.btn-field:hover{
    background-color: #f7a5a5;
    transition: .5s;
}
.div-table{
        display: flex;
        justify-content:left;
        margin: 10px;
        padding: 0px;
}
.table{
        width: 450px;
        height: 100px;
        margin: 10px;
        border: 1px solid black;
        border-collapse: collapse;
```

```
                    text-align: center;
        }
        .table td{
                border: 1px solid black;
                padding: 10px;
        }

    </style>
    <!-- css style end -->
</head>
<body>
    <div class="continer">
      <div class="form-field">
        <form id="form-data">
            <div class="input-field">
                <label for="name">Student Name:</label>
                <br>
                <input id="name" type="text" name="name"
placeholder="name">
            </div>
            <div class="input-field">
                <label for="id">Student ID:</label>
                <input id="id" type="text" name="id"
placeholder="Student id">
            </div>
            <div class="input-field">
                <label for="dept">Department Name:</label>
                <input id="dept" type="text" name="dept"
placeholder="Department name">
            </div>
            <div class="input-field">
                <label for="uni">University Name:</label>
                <input id="uni" type="text" name="uni"
placeholder="university name">
            </div>
```
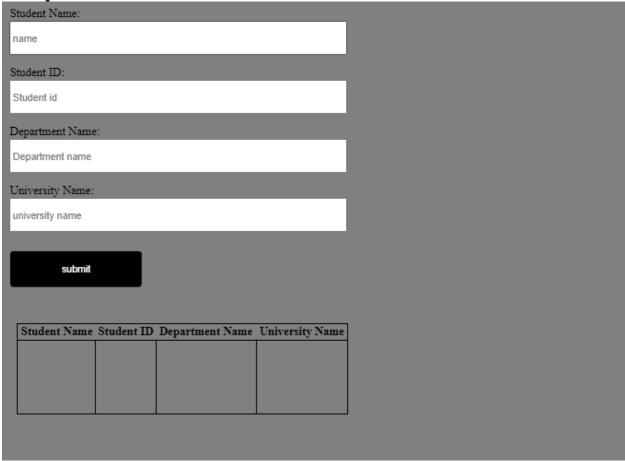
```html
            <input type="submit" value="submit" class="btn-
field">
        </form>
    </div>
        <br>
      <div class="div-table">
        <table class="table">
            <thead>
                <tr>
                    <th>Student Name</th>
                    <th>Student ID</th>
                    <th>Department Name</th>
                    <th>University Name</th>
                </tr>
            </thead>
            <tbody id="table-data" class="table">
                <tr>
                    <td id="td1"></td>
                    <td id="td2"></td>
                    <td id="td3"></td>
                    <td id="td4"></td>
                </tr>
            </tbody>
        </table>
      </div>
    </div>
 <!-- js start  -->
    <script>
        var form = document.getElementById('form-data');
        form.addEventListener('submit', function(e){
            e.preventDefault();
            var name = document.getElementById('name').value;
            console.log(name);
            var id = document.getElementById('id').value;
            var dept = document.getElementById('dept').value;
            var uni = document.getElementById('uni').value;
```

```
            var td1 = document.getElementById('td1').innerHTML
= name;
            var td1 = document.getElementById('td2');
            var td1 = document.getElementById('td3');
            var td1 = document.getElementById('td4');
            td2.innerHTML = id;
            td3.innerHTML = dept;
            td4.innerHTML = uni;
        });
    </script>
    <!-- js end  -->
</body>
</html>
```

Output:

Student Name:

| name |

Student ID:

| Student id |

Department Name:

| Department name |

University Name:

| university name |

submit

Student Name	Student ID	Department Name	University Name

Discussion :

1. I have faced difficulty creating HTML form.

2. I have taken a function addEventListener.

3. In the function I haved called the HTML's id by getElementById carefully.

4. I have organised the form using css.

5. I have used displayflex for the alignment of the form.