

Q1. Lab Exercises

- Create a web page with basic controls such as label, textbox, and a button and take input from the user in the textbox and display it on the web page when a button is clicked.

Solution 1:

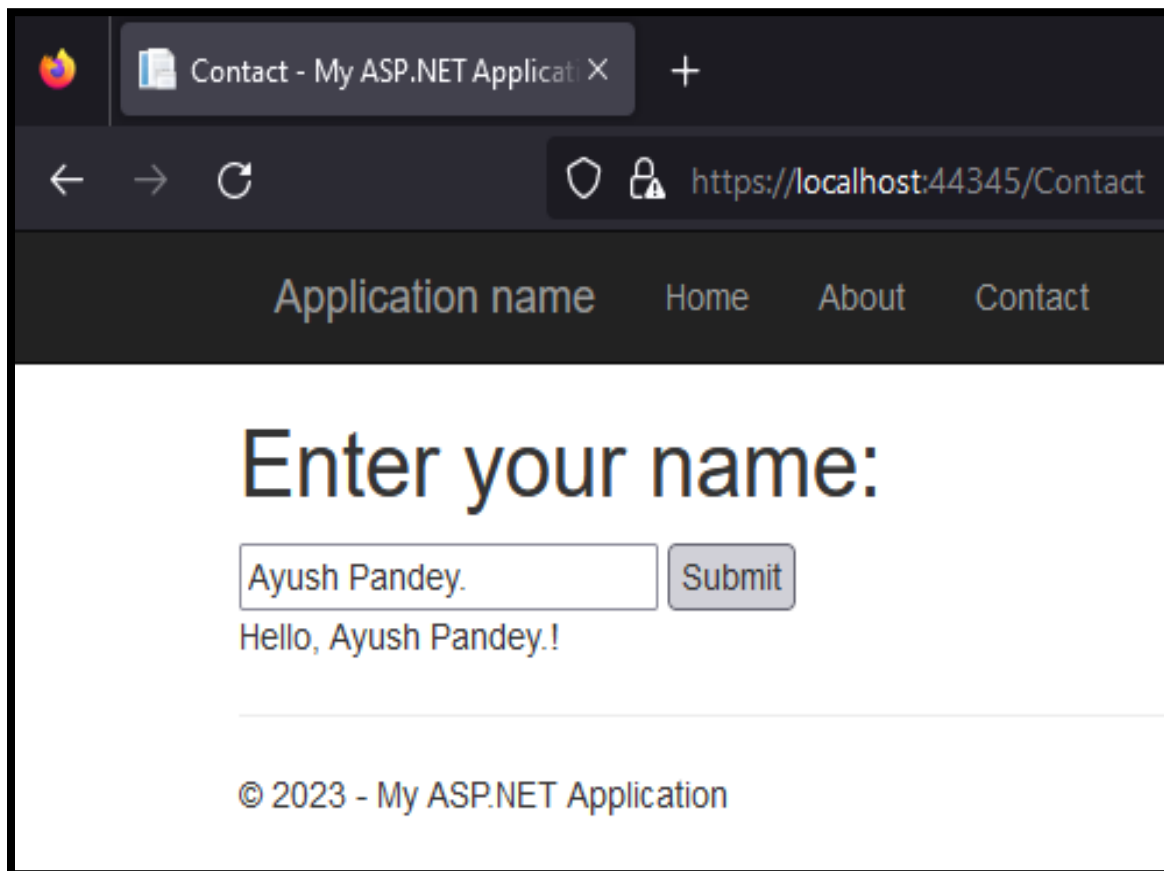
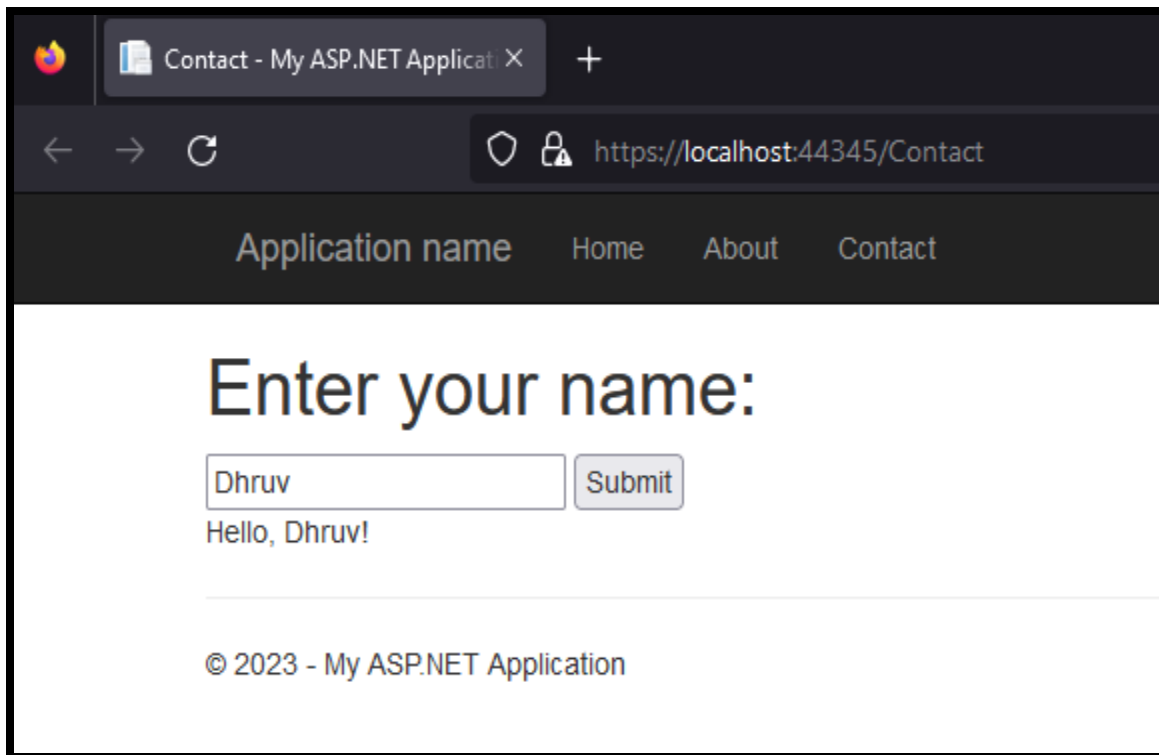
```
<%@ Page Title="Contact" Language="C#" MasterPageFile="~/Site.Master"
AutoEventWireup="true" CodeBehind="Contact.aspx.cs" Inherits="formming.Contact" %>

<asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
  <!DOCTYPE html>
<!DOCTYPE html>
<html>
<head>
  <title>Web Form</title>
</head>
<body>
  <h1>Enter your name:</h1>
  <input type="text" id="name" />
  <button type="button" id="submit">Submit</button>
  <p id="output"></p>

  <script>
    const nameInput = document.getElementById('name');
    const submitButton = document.getElementById('submit');
    const outputP = document.getElementById('output');

    submitButton.addEventListener('click', () => {
      const name = nameInput.value;
      outputP.innerHTML = `Hello, ${name}!`;
    });
  </script>
</body>
</html>
</asp:Content>
```

Output 1:



- Q2. Create a Web page in ASP.NET to show the list of courses being taught in IITM and show the chosen course on the web page in the textbox with “thank you for choosing course name”.

Solutions 2:

```
<%@ Page Title="Contact" Language="C#" MasterPageFile="~/Site.Master"
AutoEventWireup="true" CodeBehind="Contact.aspx.cs" Inherits="formming.Contact" %>

<asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
  <!DOCTYPE html>
  <html>
  <head>
    <title>Course Selection</title>
  </head>
  <body>
    <h1>Course Selection</h1>

    <select id="course-selection">
      <option value="computer-science">Computer Science</option>
      <option value="electrical-engineering">Electrical Engineering</option>
      <option value="mechanical-engineering">Mechanical Engineering</option>
      <option value="civil-engineering">Civil Engineering</option>
    </select>

    <p id="selected-course"></p>

    <script>
      // Get the course selection dropdown list
      const courseSelectionDropdown = document.getElementById('course-selection');

      // Get the selected course
      const selectedCourse =
courseSelectionDropdown.options[courseSelectionDropdown.selectedIndex].value;

      // Display the selected course in the selected course text box
      const selectedCourseTextBox = document.getElementById('selected-course');
      selectedCourseTextBox.innerHTML = `Thank you for choosing ${selectedCourse}!`;

      // Add an event listener for the change event of the course selection dropdown list
      courseSelectionDropdown.addEventListener('change', () => {
        // Update the selected course text box
        selectedCourseTextBox.innerHTML = `Thank you for choosing ${selectedCourse}!`;

        // Store the selected course in local storage
```

```

        localStorage.setItem('selectedCourse', selectedCourse);
    });

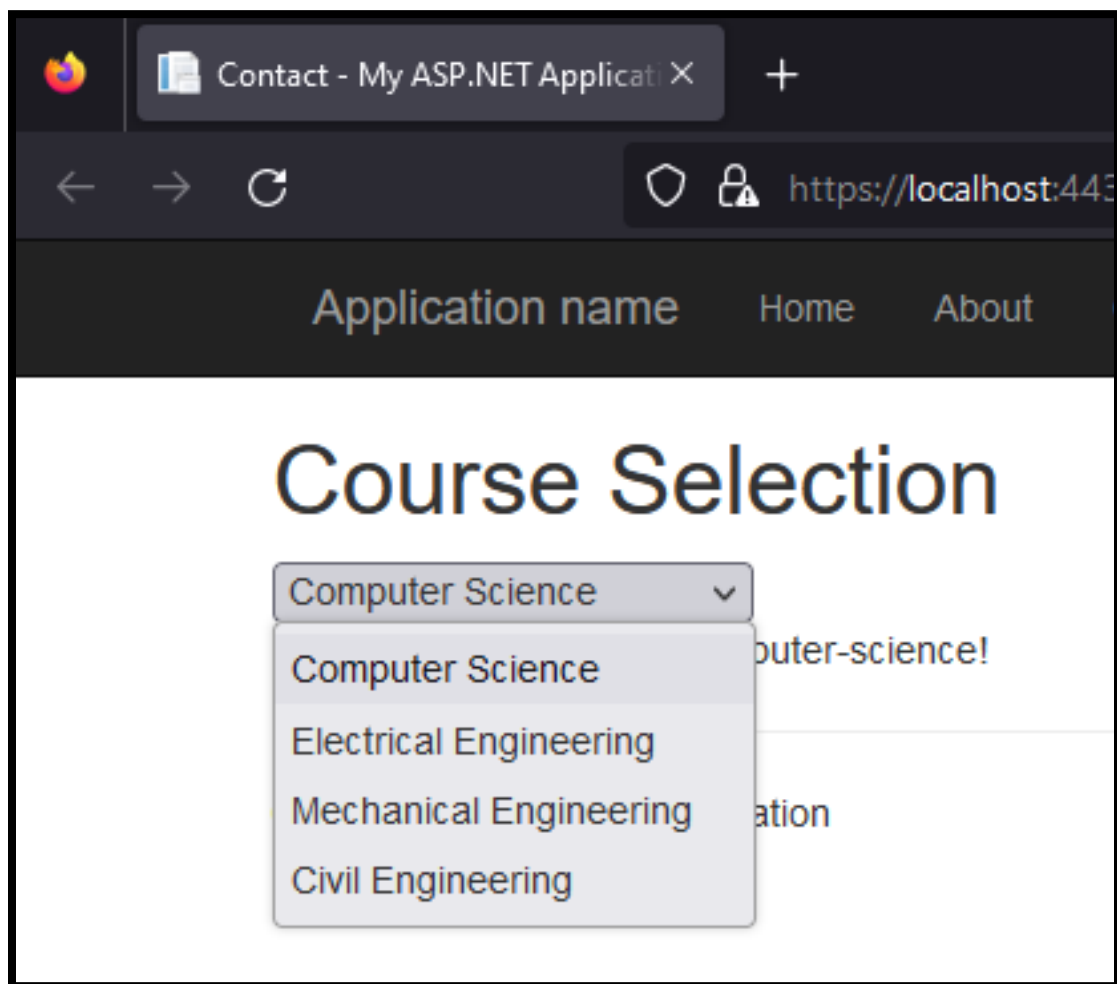
    // Get the selected course from local storage
    const storedSelectedCourse = localStorage.getItem('selectedCourse');

    // If the selected course is stored in local storage, display it in the selected course text box
    if (storedSelectedCourse) {
        selectedCourseTextBox.innerHTML = `Thank you for choosing
    ${storedSelectedCourse}!`;
    }
</script>
</body>
</html>

</asp:Content>

```

Output 2:



Course Selection

Computer Science



Computer Science

Electrical Engineering

Mechanical Engineering

Civil Engineering

computer-science!

ation

