

MODERN APPLICATION DEVELOPMENT (JAVA SPRING BOOT)

ASSIGNMENT-1

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Create one form with input and apply css for that.

Code:

```
<!DOCTYPE html>
<html>
<head>
  <title>KARTHIK 20BCI0179</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f4;
      padding: 20px;
    }

    .container {
      max-width: 400px;
      margin: 0 auto;
      background-color: #ffffff;
      padding: 20px;
      border-radius: 5px;
      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
      /* Add drop shadow */
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
    }

    h1 {
      text-align: center;
    }
```

```
label {
  display: block;
  margin-bottom: 10px;
}

input[type="text"],
select {
  width: 100%;
  padding: 10px;
  border: 1px solid #ccc;
  border-radius: 20px; /* Increase border-radius for a more curved
appearance */
  box-sizing: border-box;
  margin-bottom: 10px;
}

input[type="submit"] {
  background-color: #4CAF50;
  color: #ffffff;
  padding: 10px 15px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  width: 100%;
}

.result {
  margin-top: 20px;
  padding: 10px;
  background-color: #f9f9f9;
  border: 1px solid #ccc;
  border-radius: 4px;
}

.warning {
  color: red;
  margin-top: 10px;
}
</style>
```

```
</head>
<body>
  <div class="container">
    <h1>KARTHIK 20BCI0179</h1>
    <form id="courseForm">
      <label for="name">Name:</label>
      <input type="text" id="name" required>

      <label for="dob">Date of Birth:</label>
      <input type="date" id="dob" required>

      <label for="campus">VIT College Campus:</label>
      <select id="campus" required>
        <option value="">Select Campus</option>
        <option value="vellore">Vellore</option>
        <option value="chennai">Chennai</option>
        <option value="amaravati">Amaravati</option>
        <option value="bhopal">Bhopal</option>
      </select>

      <label for="gender">Gender:</label>
      <select id="gender" required>
        <option value="">Select Gender</option>
        <option value="male">Male</option>
        <option value="female">Female</option>
        <option value="other">Other</option>
      </select>

      <input type="submit" value="Submit">
    </form>
    <div class="result" id="result"></div>
  </div>

  <script>
    document.getElementById("courseForm").addEventListener("submit",
function(event) {
    event.preventDefault();

    var dobInput = document.getElementById("dob");
    var dob = new Date(dobInput.value);
```

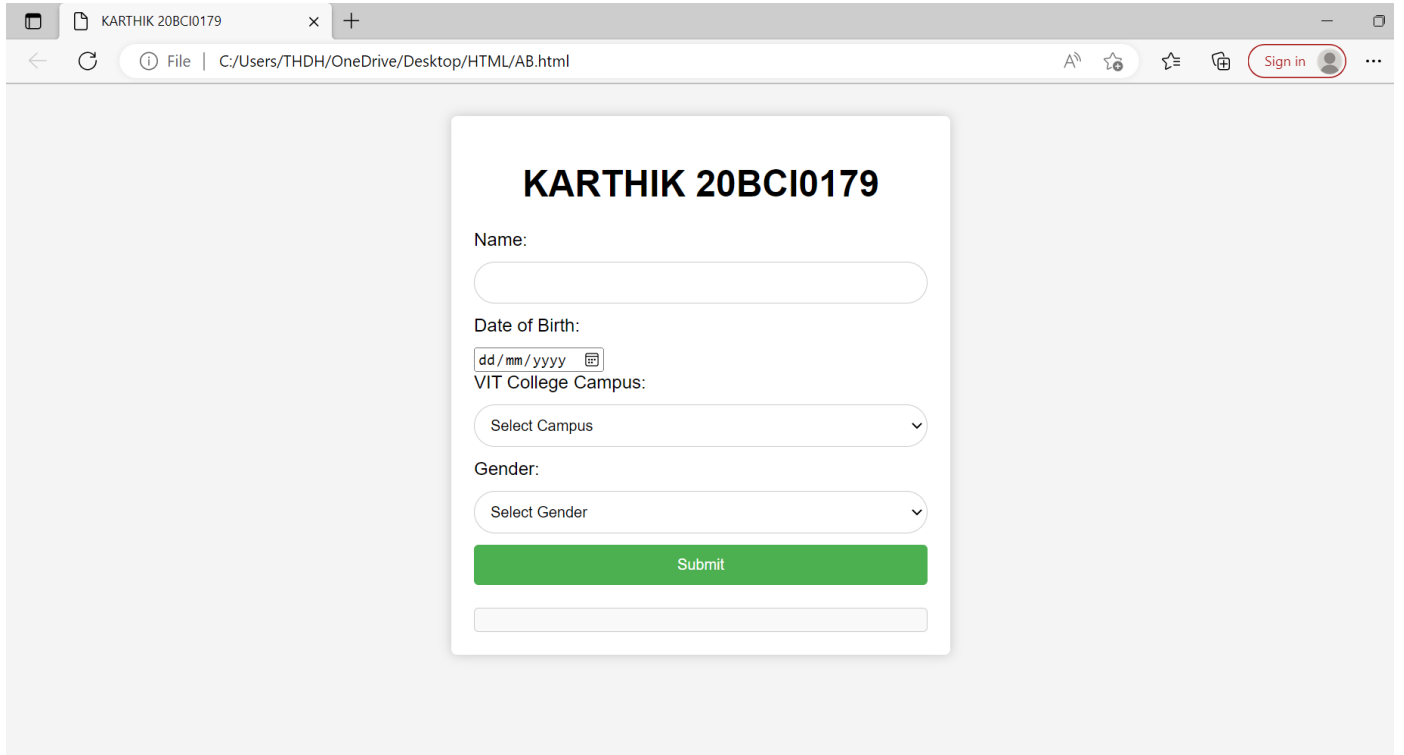
```
var currentDate = new Date();
var age = currentDate.getFullYear() - dob.getFullYear();

var campus = document.getElementById("campus").value;
var resultContainer = document.getElementById("result");
var warningContainer = document.getElementById("warning");

if (age < 20) {
    warningContainer.textContent = "Not eligible for users under 20
years of age.";
    warningContainer.style.display = "block";
    resultContainer.textContent = "";
} else {
    warningContainer.textContent = "";
    if (campus === "vellore" || campus === "chennai") {
        resultContainer.textContent = "You are entitled for the
course.";
    } else if (campus === "amaravati" || campus === "bhopal") {
        resultContainer.textContent = "You are not entitled for the
course.";
    } else {
        resultContainer.textContent = "";
    }
}

});
</script>
</body>
</html>
```

Output:



The screenshot shows a web browser window with a single tab titled 'KARTHIK 20BCI0179'. The address bar shows the file path 'C:/Users/THDH/OneDrive/Desktop/HTML/AB.html'. The browser's toolbar includes back, forward, and refresh buttons, as well as icons for file, search, and extensions. A 'Sign in' button with a user icon is visible in the top right corner. The main content area displays a form with a light gray background and a white border. The form is titled 'KARTHIK 20BCI0179' in bold black text. Below the title, there are several input fields: a text field for 'Name:', a date field for 'Date of Birth:' with a calendar icon, a dropdown menu for 'VIT College Campus:' with the text 'Select Campus', and another dropdown menu for 'Gender:' with the text 'Select Gender'. A green 'Submit' button is located below the dropdown menus. At the bottom of the form, there is a long, empty text input field.

KARTHIK 20BCI0179

Name:

Date of Birth:

VIT College Campus:

Gender: