

REPORT

1.ORIGINAL CODING SCREENSHOT

```
<!DOCTYPE html>
C:\Users\Dharshanna\OneDrive\Desktop\Act8D.java
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Bloom College - Student Registration Form</title>

    <!-- Bootstrap CSS -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

    <style>
        body {
            background: linear-gradient(to right, #e0f7fa, #fff3e0);
            font-family: "Poppins", sans-serif;
        }
        .form-container {
            background: white;
            border-radius: 15px;
            box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);
            padding: 30px;
            margin-top: 40px;
        }
        .header {
            text-align: center;
            margin-bottom: 25px;
        }
        .header h3 {
            font-weight: bold;
            color: #00796b;
        }
        .preview-img {
            width: 120px;
            height: 120px;
            object-fit: cover;
            border-radius: 50%;
            border: 3px solid #26a69a;
            display: block;
            margin: 10px auto;
        }
    </style>
</head>

<body>
    <div class="container form-container">
        <div class="header">
            <h3>BLOOM COLLEGE</h3>
            <p class="text-muted">Student Registration Form</p>
        </div>

        <form onsubmit="event.preventDefault(); showSuccess();">
            <!-- Student Image Upload -->
            <div class="text-center mb-3">
                <label for="studentImage" class="form-label fw-semibold">Upload Student Image:</label>
                <input type="file" id="studentImage" class="form-control w-50 mx-auto" accept="image/*" onchange="previewImage(event)" required>
            </div>
        </form>
    </div>
</body>
```

```


<label for="studentImage" class="form-label fw-semibold">Upload Student Image:</label>
    <input type="file" id="studentImage" class="form-control w-50 mx-auto" accept="image/*" onchange="previewImage(event)" required>
    
</div>


<div class="row mb-3">
    <div class="col-md-6">
        <label class="form-label">Student Name:</label>
        <input type="text" id="studentName" class="form-control" onchange="toUpperCaseField('studentName')" required>
    </div>
    <div class="col-md-6">
        <label class="form-label">Father's Name:</label>
        <input type="text" id="fatherName" class="form-control" onchange="toUpperCaseField('fatherName')">
    </div>
</div>

<div class="row mb-3">
    <div class="col-md-6">
        <label class="form-label">Mother's Name:</label>
        <input type="text" id="motherName" class="form-control" onchange="toUpperCaseField('motherName')">
    </div>
    <div class="col-md-6">
        <label class="form-label">Gender:</label><br>
        <input type="radio" name="gender" value="Male" required> Male
        <input type="radio" name="gender" value="Female"> Female
    </div>
</div>

<div class="row mb-3">
    <div class="col-md-6">
        <label class="form-label">Date of Birth:</label>
        <input type="date" id="dob" class="form-control">
    </div>
    <div class="col-md-6">
        <label class="form-label">Email:</label>
        <input type="email" id="email" class="form-control" onfocus="onFocusEmail()" onblur="onBlurEmail()">
        <small id="emailMsg" class="text-muted"></small>
    </div>
</div>

<div class="mb-3">
    <label class="form-label">Course:</label>
    <select id="course" class="form-select">
        <option>Computer Engineering</option>
        <option>Information Technology</option>
        <option>Business Management</option>
        <option>Electrical Engineering</option>
    </select>
</div>


```

```


<h5 class="mt-4 text-success">Address</h5>
<div class="row mb-3">
    <div class="col-md-12">
        <label class="form-label">Street Address:</label>
        <input type="text" id="address" class="form-control">
    </div>
</div>

<div class="row mb-3">
    <div class="col-md-6">
        <label class="form-label">City:</label>
        <input type="text" id="city" class="form-control">
    </div>
    <div class="col-md-6">
        <label class="form-label">Pincode:</label>
        <input type="text" id="pincode" class="form-control">
    </div>
</div>

<div class="text-center mt-4">
    <button type="submit" class="btn btn-success me-2 px-4">Register</button>
    <button type="reset" class="btn btn-secondary px-4">Reset</button>
</div>
</form>
</div>


<div class="modal fade" id="successModal" tabindex="-1">
    <div class="modal-dialog modal-dialog-centered">
        <div class="modal-content">
            <div class="modal-header bg-success text-white">
                <h5 class="modal-title">Registration Successful! <i class="fa fa-check" style="color: #fff; font-size: 1em; margin-right: 10px;"></i></h5>
                <button type="button" class="btn-close" data-bs-dismiss="modal">&times;</button>
            </div>
            <div class="modal-body">
                <p>Your registration has been successfully submitted. Thank you!</p>
            </div>
            <div class="modal-footer">
                <button class="btn btn-primary" data-bs-dismiss="modal">OK</button>
            </div>
        </div>
    </div>
</div>


<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
<script>

```

```

        // Convert input to uppercase
        function toUpperCaseField(id) {
            const field = document.getElementById(id);
            field.value = field.value.toUpperCase();
        }

        // Email focus and blur
        function onFocusEmail() {
            document.getElementById("emailMsg").innerText = "Please enter a valid email address.";
            document.getElementById("emailMsg").style.color = "blue";
        }

        function onBlurEmail() {
            document.getElementById("emailMsg").innerText = "Email field lost focus.";
            document.getElementById("emailMsg").style.color = "red";
        }

        // Preview image
        function previewImage(event) {
            const reader = new FileReader();
            reader.onload = function() {
                const output = document.getElementById('imagePreview');
                output.src = reader.result;
            }
            reader.readAsDataURL(event.target.files[0]);
        }

        // Show modal on submit
        function showSuccess() {
            const modal = new bootstrap.Modal(document.getElementById('successModal'));
            modal.show();
        }
    </script>
</body>
</html>

```

CODING:

```

<!DOCTYPE html>

<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Bloom College - Student Registration Form</title>

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        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

        <style>
            body {
                background: linear-gradient(to right, #e0f7fa, #fff3e0);
                font-family: "Poppins", sans-serif;
            }

            .form-container {

```

```
background: white;
border-radius: 15px;
box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);
padding: 30px;
margin-top: 40px;
}

.header {
    text-align: center;
    margin-bottom: 25px;
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    width: 120px;
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    object-fit: cover;
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    border: 3px solid #26a69a;
    display: block;
    margin: 10px auto;
}

</style>

</head>

<body>
<div class="container form-container">
    <div class="header">
        <h3>BLOOM COLLEGE</h3>
        <p class="text-muted">Student Registration Form</p>
    </div>
</div>

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</div>

<form onsubmit="event.preventDefault(); showSuccess();">

    <!-- Student Image Upload -->
    <div class="text-center mb-3">
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        <input type="file" id="studentImage" class="form-control w-50 mx-auto" accept="image/*" onchange="previewImage(event)" required>
        
    </div>

    <!-- Student Info -->
    <div class="row mb-3">
        <div class="col-md-6">
            <label class="form-label">Student Name:</label>
            <input type="text" id="studentName" class="form-control" onchange="toUpperCaseField('studentName')" required>
        </div>
        <div class="col-md-6">
            <label class="form-label">Father's Name:</label>
            <input type="text" id="fatherName" class="form-control" onchange="toUpperCaseField('fatherName')">
        </div>
    </div>

    <div class="row mb-3">
        <div class="col-md-6">
            <label class="form-label">Mother's Name:</label>
            <input type="text" id="motherName" class="form-control" onchange="toUpperCaseField('motherName')">
        </div>
        <div class="col-md-6">
```

```
<label class="form-label">Gender:</label><br>
<input type="radio" name="gender" value="Male" required> Male
<input type="radio" name="gender" value="Female"> Female
</div>
</div>
```

```
<div class="row mb-3">
  <div class="col-md-6">
    <label class="form-label">Date of Birth:</label>
    <input type="date" id="dob" class="form-control">
  </div>
  <div class="col-md-6">
    <label class="form-label">Email:</label>
    <input type="email" id="email" class="form-control" onfocus="onFocusEmail()" onblur="onBlurEmail()">
    <small id="emailMsg" class="text-muted"></small>
  </div>
</div>
```

```
<div class="mb-3">
  <label class="form-label">Course:</label>
  <select id="course" class="form-select">
    <option>Computer Engineering</option>
    <option>Information Technology</option>
    <option>Business Management</option>
    <option>Electrical Engineering</option>
  </select>
</div>
```

```
<!-- Address Section -->
<h5 class="mt-4 text-success">Address</h5>
```

```
<div class="row mb-3">
  <div class="col-md-12">
    <label class="form-label">Street Address:</label>
    <input type="text" id="address" class="form-control">
  </div>
</div>

<div class="row mb-3">
  <div class="col-md-6">
    <label class="form-label">City:</label>
    <input type="text" id="city" class="form-control">
  </div>
  <div class="col-md-6">
    <label class="form-label">Pincode:</label>
    <input type="text" id="pincode" class="form-control">
  </div>
</div>

<div class="text-center mt-4">
  <button type="submit" class="btn btn-success me-2 px-4">Register</button>
  <button type="reset" class="btn btn-secondary px-4">Reset</button>
</div>
</form>
</div>

<!-- Success Modal -->
<div class="modal fade" id="successModal" tabindex="-1">
  <div class="modal-dialog modal-dialog-centered">
    <div class="modal-content">
      <div class="modal-header bg-success text-white">
        <h5 class="modal-title">Registration Successful 🎉 </h5>
```

```
<button type="button" class="btn-close" data-bs-dismiss="modal"></button>
</div>

<div class="modal-body">
<p>Your registration has been successfully submitted. Thank you!</p>
</div>

<div class="modal-footer">
<button class="btn btn-primary" data-bs-dismiss="modal">OK</button>
</div>
</div>
</div>

<!-- Bootstrap JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

<script>
// Convert input to uppercase
function toUpperCaseField(id) {
  const field = document.getElementById(id);
  field.value = field.value.toUpperCase();
}

// Email focus and blur
function onFocusEmail() {
  document.getElementById("emailMsg").innerText = "Please enter a valid email address.";
  document.getElementById("emailMsg").style.color = "blue";
}

function onBlurEmail() {
  document.getElementById("emailMsg").innerText = "Email field lost focus.";
}
```

```
document.getElementById("emailMsg").style.color = "red";
}

// Preview image
function previewImage(event) {
    const reader = new FileReader();
    reader.onload = function() {
        const output = document.getElementById('imagePreview');
        output.src = reader.result;
    }
    reader.readAsDataURL(event.target.files[0]);
}

// Show modal on submit
function showSuccess() {
    const modal = new bootstrap.Modal(document.getElementById('successModal'));
    modal.show();
}
</script>
</body>
</html>
```

2.CODING OUTPUT:

BLOOM COLLEGE
Student Registration Form

Upload Student Image:

Choose File WhatsApp Image 2025-10-30 at 21.42.06.jpeg



Student Name: DHARSHANNA Father's Name: SUKUMARAN

Mother's Name: AMUTHA Gender: Male Female

Date of Birth: 16/01/2006 Email: dharshannasukumaran@gmail.com
Email field lost focus.

Course: Information Technology

Address

Street Address: no,18 jalan tps 2/3 taman pelangi semenyih selangor

City: semenyih Pincode: 43500

Register **Reset**

B.i) onBlur

```

function onBlurEmail() {
    document.getElementById("emailMsg").innerText = "Email field lost focus.";
    document.getElementById("emailMsg").style.color = "red";
}

```

```

function onBlurEmail() {

    document.getElementById("emailMsg").innerText = "Email field lost focus.";
    document.getElementById("emailMsg").style.color = "red";
}

```

ii) onFocus for text field (email)

```

// Email focus and blur
function onFocusEmail() {
    document.getElementById("emailMsg").innerText = "Please enter a valid email address.";
    document.getElementById("emailMsg").style.color = "blue";
}

```

```
// Email focus and blur
```

```

function onFocusEmail() {

    document.getElementById("emailMsg").innerText = "Please enter a valid email address.";
    document.getElementById("emailMsg").style.color = "blue";
}

```

}

iii)

```
<!-- Student Info -->
<div class="row mb-3">
  <div class="col-md-6">
    <label class="form-label">Student Name:</label>
    <input type="text" id="studentName" class="form-control" onchange="toUpperCaseField('studentName')" required>
  </div>
  <div class="col-md-6">
    <label class="form-label">Father's Name:</label>
    <input type="text" id="fatherName" class="form-control" onchange="toUpperCaseField('fatherName')">
  </div>
</div>

<div class="row mb-3">
  <div class="col-md-6">
    <label class="form-label">Mother's Name:</label>
    <input type="text" id="motherName" class="form-control" onchange="toUpperCaseField('motherName')">
  </div>
  <div class="col-md-6">
```

<!-- Student Info -->

```
<div class="row mb-3">
  <div class="col-md-6">
    <label class="form-label">Student Name:</label>
    <input type="text" id="studentName" class="form-control" onchange="toUpperCaseField('studentName')" required>
  </div>
  <div class="col-md-6">
    <label class="form-label">Father's Name:</label>
    <input type="text" id="fatherName" class="form-control" onchange="toUpperCaseField('fatherName')">
  </div>
</div>

<div class="row mb-3">
  <div class="col-md-6">
    <label class="form-label">Mother's Name:</label>
    <input type="text" id="motherName" class="form-control" onchange="toUpperCaseField('motherName')">
  </div>
</div>
```

iv)

```
<!-- Success Modal -->
<div class="modal fade" id="successModal" tabindex="-1">
  <div class="modal-dialog modal-dialog-centered">
    <div class="modal-content">
      <div class="modal-header bg-success text-white">
        <h5 class="modal-title">Registration Successful 🎉</h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></button>
      </div>
      <div class="modal-body">
        <p>Your registration has been successfully submitted. Thank you!</p>
      </div>
      <div class="modal-footer">
        <button class="btn btn-primary" data-bs-dismiss="modal">OK</button>
      </div>
    </div>
  </div>
</div>
```

