

TASK 2

HTML:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Contact Form + ToDo List</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <!-- Navbar -->

  <nav class="navbar">

    <h2>My Website</h2>

    <ul>

      <li><a href="#">Home</a></li>

      <li><a href="#">Courses</a></li>

      <li><a href="#">Contact</a></li>

    </ul>

  </nav>


  <!-- Contact Form -->
```

```
<main class="container">

  <section class="form-section fade-in">

    <h1>Contact Us</h1>

    <form id="contactForm">

      <label for="name">Full Name</label>

      <input type="text" id="name" placeholder="Enter your name" required>


      <label for="email">Email Address</label>

      <input type="email" id="email" placeholder="Enter your email" required>


      <label for="mobile">Mobile Number</label>

      <input type="tel" id="mobile" placeholder="Enter your mobile number"
maxlength="10" required>


      <label>Gender</label>

      <div class="gender-options">

        <label><input type="radio" name="gender" value="Male" required>
Male</label>

        <label><input type="radio" name="gender" value="Female">
Female</label>

        <label><input type="radio" name="gender" value="Other"> Other</label>

      </div>


      <label for="course">Interested Course</label>
```

```
<select id="course" required>
```

```
<option value="">-- Select a course --</option>
```

```
<option value="Web Development">Web Development</option>
```

```
<option value="Data Science">Data Science</option>
```

```
<option value="AI & ML">AI & ML</option>
```

```
<option value="Cyber Security">Cyber Security</option>
```

```
<option value="Cloud Computing">Cloud Computing</option>
```

```
</select>
```

```
<label for="message">Message</label>
```

```
<textarea id="message" rows="5" placeholder="Write your message"
required></textarea>
```

```
<button type="submit" class="btn-animate">Submit</button>
```

```
</form>
```

```
</section>
```

```
</main>
```

```
<!-- ToDo List Section -->
```

```
<section class="todo-section fade-in">
```

```
<h1> 📌 To-Do List</h1>
```

```
<div class="todo-container">
```

```
<input type="text" id="todoInput" placeholder="Enter a new task">
```

```
<button onclick="addTask()" class="btn-animate">Add Task</button>
</div>
<ul id="todoList"></ul>
</section>

<script src="script.js"></script>
</body>
</html>
```

CSS:

```
/* Reset */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body {
  font-family: "Poppins", sans-serif;
  background: lightblue;
  color: #333;
  overflow-x: hidden;
```

```
}
```

```
/* Navbar */
```

```
.navbar {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
  padding: 1rem 2rem;  
  background: linear-gradient(90deg, #333, #444);  
  color: white;  
  box-shadow: 0 5px 15px rgba(0,0,0,0.2);  
  position: sticky;  
  top: 0;  
  z-index: 1000;  
  animation: slideDown 1s ease;  
}
```

```
.navbar ul {  
  list-style: none;  
  display: flex;  
  gap: 1.5rem;  
}
```

```
.navbar a {  
  color: white;  
  text-decoration: none;  
  transition: 0.3s;  
}
```

```
.navbar a:hover {  
  color: #ff9800;  
  transform: scale(1.1);  
}
```

```
/* Form Section */
```

```
.container {  
  display: grid;  
  place-items: center;  
  min-height: 80vh;  
  padding: 2rem;  
}
```

```
.form-section {  
  background: white;  
  padding: 2rem;  
  border-radius: 20px;
```

```
    box-shadow: 0 10px 25px rgba(0,0,0,0.15);  
    width: 100%;  
    max-width: 550px;  
    transform: translateY(30px);  
    animation: fadeUp 1.5s ease forwards;  
}
```

```
.form-section h1 {  
    margin-bottom: 1rem;  
    text-align: center;  
    color: #444;  
    font-size: 1.8rem;  
    position: relative;  
}
```

```
form {  
    display: flex;  
    flex-direction: column;  
    gap: 1rem;  
}
```

```
label {  
    font-weight: 600;
```

```
}
```

```
input, textarea, select {  
    padding: 12px;  
    border: 1px solid #ddd;  
    border-radius: 10px;  
    outline: none;  
    transition: 0.3s;  
}
```

```
input:focus, textarea:focus, select:focus {  
    border-color: #ff9800;  
    box-shadow: 0 0 10px rgba(255,152,0,0.4);  
    transform: scale(1.02);  
}
```

```
/* Gender Options */  
.gender-options {  
    display: flex;  
    gap: 1rem;  
    font-weight: 500;  
}
```



```
/* Buttons */  
  
.btn-animate {  
  padding: 12px;  
  background: linear-gradient(90deg, #ff9800, #e68900);  
  color: white;  
  border: none;  
  border-radius: 12px;  
  cursor: pointer;  
  font-weight: 600;  
  transition: 0.3s;  
}
```

```
.btn-animate:hover {  
  background: linear-gradient(90deg, #e68900, #cc7700);  
  transform: scale(1.05);  
  box-shadow: 0 5px 15px rgba(0,0,0,0.2);  
}
```

```
/* ToDo Section */  
  
.todo-section {  
  text-align: center;  
  margin: 3rem auto;  
  padding: 2rem;
```

```
max-width: 600px;
background: white;
border-radius: 20px;
box-shadow: 0 10px 25px rgba(0,0,0,0.1);
}
```

```
.todo-section h1 {
  margin-bottom: 1rem;
  font-size: 1.6rem;
}
```

```
.todo-container {
  display: flex;
  gap: 10px;
  justify-content: center;
  margin-bottom: 1rem;
}
```

```
#todoInput {
  padding: 10px;
  border: 1px solid #ddd;
  border-radius: 10px;
  width: 70%;
```

```
}
```

```
#todoList {
```

```
  list-style: none;
```

```
  margin-top: 1rem;
```

```
}
```

```
#todoList li {
```

```
  background: #f3f3f3;
```

```
  margin: 5px auto;
```

```
  padding: 10px 15px;
```

```
  border-radius: 12px;
```

```
  display: flex;
```

```
  justify-content: space-between;
```

```
  align-items: center;
```

```
  transition: 0.3s;
```

```
}
```

```
#todoList li:hover {
```

```
  background: #ffe0b2;
```

```
  transform: translateX(5px);
```

```
}
```

```
.delete-btn {  
    background: #ff4d4d;  
    color: white;  
    border: none;  
    border-radius: 8px;  
    padding: 5px 10px;  
    cursor: pointer;  
    transition: 0.3s;  
}
```

```
.delete-btn:hover {  
    background: #cc0000;  
}
```

```
/* Animations */
```

```
@keyframes slideDown {  
    from { transform: translateY(-100%); opacity: 0; }  
    to { transform: translateY(0); opacity: 1; }  
}
```

```
@keyframes fadeUp {  
    from { opacity: 0; transform: translateY(30px); }  
    to { opacity: 1; transform: translateY(0); }
```

```
}
```

```
.fade-in {  
  animation: fadeUp 1.5s ease forwards;  
}
```

```
/* Responsive */
```

```
@media (max-width: 768px) {  
  .navbar {  
    flex-direction: column;  
    gap: 1rem;  
  }
```

```
.form-section, .todo-section {  
  width: 90%;  
}
```

```
.todo-container {  
  flex-direction: column;  
}
```

```
#todoInput {  
  width: 100%;
```

```
}  
}
```

SCRIPT:

```
// ---- Form Validation ----
```

```
document.getElementById("contactForm").addEventListener("submit",  
function(e) {  
    e.preventDefault();  
  
    let name = document.getElementById("name").value.trim();  
    let email = document.getElementById("email").value.trim();  
    let mobile = document.getElementById("mobile").value.trim();  
    let message = document.getElementById("message").value.trim();  
    let course = document.getElementById("course").value;  
    let gender = document.querySelector('input[name="gender"]:checked');  
  
    let emailPattern = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;  
    let mobilePattern = /^[0-9]{10}$/;  
  
    if (name === "" || email === "" || mobile === "" || !gender || course === "" ||  
message === "") {  
        alert(" ⚠ Please fill in all fields.");  
        return;
```

```
}
```

```
if (!email.match(emailPattern)) {  
    alert(" ⚠ Please enter a valid email address.");  
    return;  
}
```

```
if (!mobile.match(mobilePattern)) {  
    alert(" ⚠ Please enter a valid 10-digit mobile number.");  
    return;  
}
```

```
alert(`✅ Thank you ${name}! Your form has been submitted.`);  
document.getElementById("contactForm").reset();  
});
```

```
// ---- ToDo List ----
```

```
function addTask() {  
    let taskInput = document.getElementById("todoInput");  
    let taskValue = taskInput.value.trim();  
  
    if (taskValue === "") {  
        alert(" ⚠ Please enter a task!");  
    }  
}
```

```
    return;
}

let li = document.createElement("li");
li.textContent = taskValue;

let deleteBtn = document.createElement("button");
deleteBtn.textContent = "Delete";
deleteBtn.className = "delete-btn";
deleteBtn.onclick = function() {
    li.remove();
};

li.appendChild(deleteBtn);
document.getElementById("todoList").appendChild(li);

taskInput.value = "";
}
```