

EXERCISE 1

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="description" content="A sample webpage showing head tag usage">
<meta name="author" content="Student Name">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Sample Web Page</title>
<link rel="stylesheet" href="styles.css">
<style>
body {
font-family: Arial, sans-serif;
background-color: #f0f8ff;
}
</style>
<script>
console.log("Page Loaded Successfully!");
</script>
</head>
<body>
<header>
<h1>Welcome to My Web Page</h1>
</header>
<main>
<p>This page demonstrates the use of head section tags.</p>
</main>
<footer>
<p>&copy; 2025 Student Name. All rights reserved.</p>
</footer>
</body>
</html>
```

OUTPUT :



EXERCISE 2

```
<html>
<head>
<title>Nearest Odd Number</title>
<script>
function findNearestOdd() {
let num = parseInt(prompt("Enter a number:"));
let nearestOdd;
if (num % 2 === 0) {
nearestOdd = num + 1; // or num - 1
} else {
nearestOdd = num;
}
alert("The nearest odd number is: " + nearestOdd);
}
</script>
</head>
<body>
<h1>Nearest Odd Number Finder</h1>
<button onclick="findNearestOdd()">Find Nearest Odd</button>
</body>
</html>
```

OUTPUT :



EXERCISE 3

```
index.html
<!DOCTYPE html>
<html>
<head>
<title>Relative Positioning Example</title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
<div class="parent">
<h1 class="child">Welcome to CSS Positioning</h1>
<p>This paragraph remains normally positioned.</p>
</div>
</body>
</html>
style.css
.parent {
border: 2px solid blue;
padding: 20px;
width: 400px;
height: 200px;
position: relative;
}
.child {
position: relative;
top: 30px; /* Move the h1 element 30px down */
left: 20px; /* Move the h1 element 20px to the right */
color: darkgreen;
}
```

OUTPUT :



EXERCISE 4

StudentRegistrationServlet.java

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

public class StudentRegistrationServlet extends HttpServlet {
    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        // HTML Form
        String name = request.getParameter("name");
        String regno = request.getParameter("regno");
        String course = request.getParameter("course");
        String email = request.getParameter("email");
        if (name == null || regno == null || course == null || email == null) {
            out.println("<html><body>");
            out.println("<h2>Student Registration Form</h2>");
            out.println("<form method='get'>");
            out.println("Name: <input type='text' name='name'><br><br>");
            out.println("Registration Number: <input type='text' name='regno'><br><br>");
            out.println("Course: <input type='text' name='course'><br><br>");
            out.println("Email: <input type='text' name='email'><br><br>");
            out.println("<input type='submit' value='Register'>");
            out.println("</form>");
            out.println("</body></html>");
        } else {
            out.println("<html><body>");
            out.println("<h2>Student Registration Details</h2>");
            out.println("<p><strong>Name:</strong> " + name + "</p>");
            out.println("<p><strong>Registration Number:</strong> " + regno + "</p>");
            out.println("<p><strong>Course:</strong> " + course + "</p>");
            out.println("<p><strong>Email:</strong> " + email + "</p>");
            out.println("</body></html>");
        }
    }
}
```

OUTPUT :

Student Registration Form

```
"); out.println("
"); out.println("Name: 
"); out.println("Registration Number: 
"); out.println("Course: 
"); out.println("Email: 
"); out.println("  "); out.println("
"); out.println(""); 7 } else { out.println(""); out.println("
```

Student Registration Details

```
"); out.println("
Name: " + name + "
"); out.println("
Registration Number: " + regno + "
"); out.println("
Course: " + course + "
"); out.println("
```

EXERCISE 5

employee_registration.html

```
<!DOCTYPE html>
<html>
<head>
<title>Employee Registration Form</title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
<div class="container">
<h2>Employee Registration Form</h2>
<form>
<label for="name">Employee Name:</label>
<input type="text" id="name" name="name" required><br><br>
<label for="id">Employee ID:</label>
<input type="text" id="id" name="id" required><br><br>
<label for="address">Address:</label><br>
<textarea id="address" name="address" rows="4" cols="30"
required></textarea><br><br>
<label for="dept">Department:</label>
<input type="text" id="dept" name="dept" required><br><br>
<label for="mobile">Mobile Number:</label>
<input type="text" id="mobile" name="mobile" required><br><br>
<label for="city">City:</label>
<select id="city" name="city" required>
<option value="">--Select City--</option>
<option value="Chennai">Chennai</option>
<option value="Bangalore">Bangalore</option>
<option value="Hyderabad">Hyderabad</option>
<option value="Mumbai">Mumbai</option>
</select><br><br>
<input type="submit" value="Register">
</form>
</div>
</body>
</html>
style.css
body {
font-family: Arial, sans-serif;
background-color: #f0f8ff;
}
container {
background-color: white;
padding: 20px;
margin: 50px auto;
width: 400px;
border: 2px solid #ccc;
border-radius: 10px;
}
```

```

h2 {
text-align: center;
color: darkblue;
}
label {
font-weight: bold;
}
input[type="text"], textarea, select {
width: 100%;
padding: 8px;
margin: 5px 0 15px 0;
border: 1px solid #ccc;
border-radius: 5px;
}
input[type="submit"] {
background-color: darkblue;
color: white;
padding: 10px;
width: 100%;
border: none;
border-radius: 5px;
cursor: pointer;
}
input[type="submit"]:hover {
background-color: navy;
}

```

OUTPUT :

Employee Registration Form

8

Employee Name:

Employee ID:

Address:

Department:

Mobile Number:

City:

--Select City--

Register