

## FORMS USING SERVLET

### INDEX.HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Royal Enfield Booking</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f4;
      color: #333;
    }
    .container {
      max-width: 600px;
      margin: 50px auto;
      padding: 20px;
      background-color: white;
      border: 1px solid #ccc;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
    h1 {
      color: #333;
    }
    label {
      display: block;
      margin-bottom: 8px;
    }
    input[type="text"], input[type="email"], input[type="date"], select {
      width: 100%;
      padding: 8px;
      margin-bottom: 20px;
      border: 1px solid #ccc;
      border-radius: 5px;
    }
    button {
      background-color: #333;
      color: white;
      padding: 10px 15px;
      border: none;
      border-radius: 5px;
```

```

        cursor: pointer;
    }
    button:hover {
        background-color: #555;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>Book a Royal Enfield Test Ride</h1>
        <form action="book" method="post">
            <label for="name">Name</label>
            <input type="text" id="name" name="name" required>

            <label for="email">Email</label>
            <input type="email" id="email" name="email" required>

            <label for="model">Select Model</label>
            <select id="model" name="model" required>
                <option value="classic350">Classic 350</option>
                <option value="bullet500">Bullet 500</option>
                <option value="himalayan">Himalayan</option>
                <option value="meteor350">Meteor 350</option>
            </select>

            <label for="date">Preferred Date</label>
            <input type="date" id="date" name="date" required>

            <button type="submit">Submit</button>
        </form>
    </div>
</body>
</html>

```

## WEB.XML:

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns="http://java.sun.com/xml/ns/javaee"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
        http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd"
    version="3.0">
    <servlet>
        <servlet-name>BookingServlet</servlet-name>

```

```

        <servlet-class>com.example.BookingServlet</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>BookingServlet</servlet-name>
        <url-pattern>/book</url-pattern>
    </servlet-mapping>
</web-app>

```

## **JAVA:**

```
package com.example;
```

```

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```

```
@WebServlet("/book")
```

```
public class BookingServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;
```

```

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

```

```

        String name = request.getParameter("name");
        String email = request.getParameter("email");
        String model = request.getParameter("model");
        String date = request.getParameter("date");

```

```

        out.println("<html><body>");
        out.println("<h1>Royal Enfield Test Ride Booking Confirmation</h1>");
        out.println("<p>Thank you, " + name + ".</p>");
        out.println("<p>Your test ride for the " + model + " model is confirmed for " + date + ".</p>");
        out.println("<p>A confirmation email has been sent to " + email + ".</p>");
        out.println("</body></html>");

```

```

    }
}

```

