

Forms using servlet

cricketToolsForm.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Cricket Tool Selection</title>
</head>
<body>
  <h2>Select a Cricket Tool</h2>
  <form action="CricketToolServlet" method="get">
    <label for="cricketTool">Choose a cricket tool:</label>
    <select id="cricketTool" name="cricketTool">
      <option value="Bat">Bat</option>
      <option value="Ball">Ball</option>
      <option value="Gloves">Gloves</option>
      <option value="Helmet">Helmet</option>
      <option value="Pads">Pads</option>
    </select>
    <br><br>
    <input type="submit" value="Submit">
  </form>
</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>CricketToolServlet</servlet-name>
    <servlet-class>CricketToolServlet</servlet-class>
```

```

</servlet>

<servlet-mapping>
    <servlet-name>CricketToolServlet</servlet-name>
    <url-pattern>/CricketToolServlet</url-pattern>
</servlet-mapping>
</web-app>

```

CricketToolServlet.java

```

import java.io.IOException;
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("/CricketToolServlet")
public class CricketToolServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        String cricketTool = request.getParameter("cricketTool");

        response.setContentType("text/html");
        response.getWriter().println("<html><body>");
        response.getWriter().println("<h1>You have selected: " + cricketTool + "</h1>");

        if (cricketTool.equals("Bat")) {
            response.getWriter().println("<p>The bat is used to hit the ball in cricket. It is made of wood and is flat on one side.</p>");
        } else if (cricketTool.equals("Ball")) {
            response.getWriter().println("<p>The ball is used to bowl at the batsman. It is usually made of leather and is hard.</p>");
        } else if (cricketTool.equals("Gloves")) {
            response.getWriter().println("<p>The gloves protect the hands of the batsman or the wicketkeeper. They are made of leather and padding.</p>");
        }
    }
}

```

```
    } else if (cricketTool.equals("Helmet")) {
        response.getWriter().println("<p>The helmet is worn by the batsman or fielder to protect
the head from fast balls.</p>");
    } else if (cricketTool.equals("Pads")) {
        response.getWriter().println("<p>The pads are worn by the batsman to protect the legs
from being hit by the ball.</p>");
    } else {
        response.getWriter().println("<p>Invalid selection!</p>");
    }

    response.getWriter().println("</body></html>");
}
}
```