Java Servlet code examples:

1. **Simple Hello World Servlet:**

   This example demonstrates a basic Java Servlet that responds with a "Hello, World!" message when accessed.

   ```java
   import javax.servlet.*;
   import javax.servlet.http.*;  #HttpServletRequest
   import java.io.IOException;
   import java.io.PrintWriter;

   public class HelloServlet extends HttpServlet {
       public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
           response.setContentType("text/html");
           PrintWriter out = response.getWriter();
           out.println("<html><body>");
           out.println("<h1>Hello, World!</h1>");
           out.println("</body></html>");
       }
   }
   ```

   In this example, when you access this servlet in your web browser, it will display a simple HTML page with the "Hello, World!" message.

2. **Servlet with Form Handling:**

   This example demonstrates a Servlet that handles a form submission and displays the submitted data.

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

   public class FormServlet extends HttpServlet {
       public 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");

        out.println("<html><body>");
        out.println("<h1>Form Submission Result:</h1>");
        out.println("<p>Name: " + name + "</p>");
        out.println("<p>Email: " + email + "</p>");
        out.println("</body></html>");
    }
}
```

In this example, the servlet handles a POST request from an HTML form, retrieves the values of the "name" and "email" fields, and displays the submitted data.

You would typically map these servlets to specific URL patterns in your web application's `web.xml` file or use annotations, depending on the servlet container you're using. These examples showcase the fundamental structure of Java Servlets and how they can handle different types of HTTP requests.