

**EXP NO: 3**

## **Servlet Program to Display 'Hello, World!' in Browser**

### **AIM:**

To write a servlet program that prints "HelloWorld!" and displays it in the browser when accessed.

### **CODE:**

```
package com.karthick.servlet;

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;

/**
 * Servlet implementation class HelloWorld
 */
@WebServlet("/HelloWorld")
public class HelloWorld extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public HelloWorld() {
        super();
        // TODO Auto-generated constructor stub
    }
}
```

```

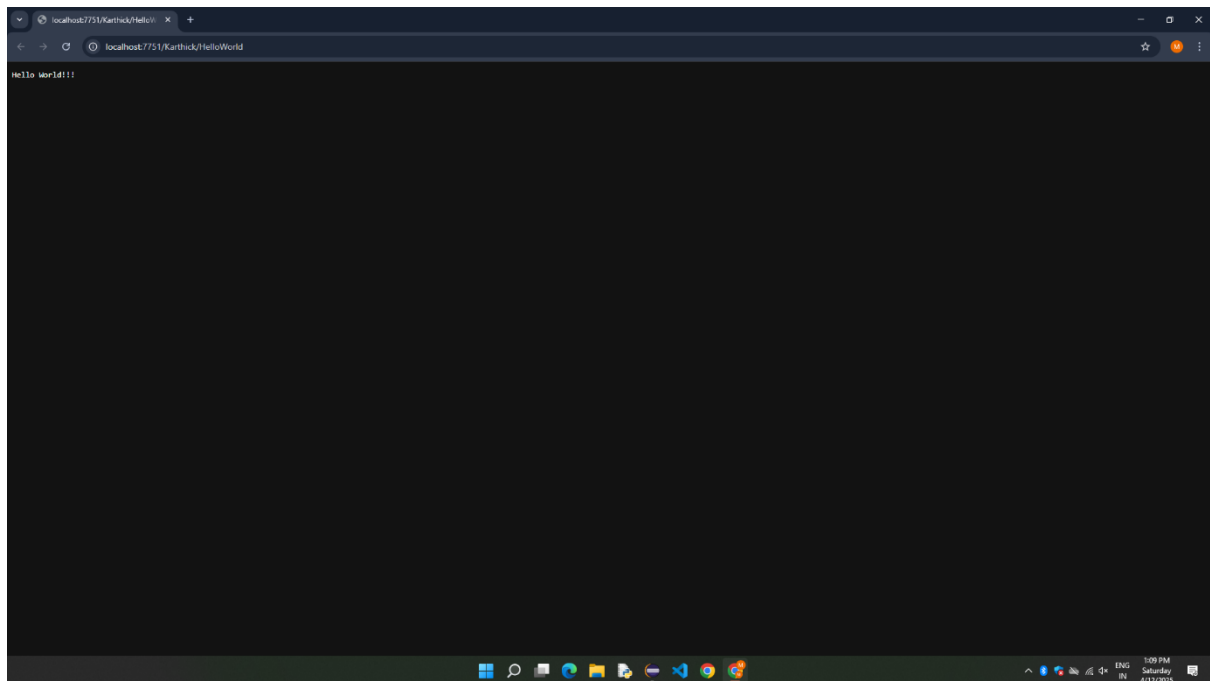
/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
 */
protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
    PrintWriter p = response.getWriter();
    p.println("Hello World!!!");
}

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
    // TODO Auto-generated method stub
    doGet(request, response);
}
}

```

## OUTPUT:

The screenshot shows the Eclipse IDE interface. The Project Explorer on the left displays the project structure for 'Karthick', including a 'src' folder with 'main' and 'webapp' subfolders. The main editor shows the 'HelloWorld.java' file, which is a servlet implementation. The code includes imports for 'java.io.IOException', 'java.io.PrintWriter', 'javax.servlet.ServletException', 'javax.servlet.annotation.WebServlet', 'javax.servlet.http.HttpServlet', 'javax.servlet.http.HttpServletRequest', and 'javax.servlet.http.HttpServletResponse'. The 'doGet' method is implemented to print 'Hello World!!!' to the response writer. The 'doPost' method is a stub that calls 'doGet'. The console at the bottom shows the output 'Hello World!!!' and the server status 'Apache Tomcat/8.5.61'.

**RESULT:**

Thus, the Servlet Program to print/display Hello World in the web browser is successfully Implemented.