

EXP NO: 3	Servlet Program to Display 'Hello, World!' in Browser
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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 displays an IDE with the following components:

- Project Explorer:** Shows the project structure with files like `com.kritika.servlet.HelloWorld.java`.
- Editor:** Displays the `HelloWorld.java` file with the following code:


```

package com.kritika.servlet;
import java.io.IOException;

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

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    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 pw = response.getWriter();
        pw.println("Hello World!!!");
    }

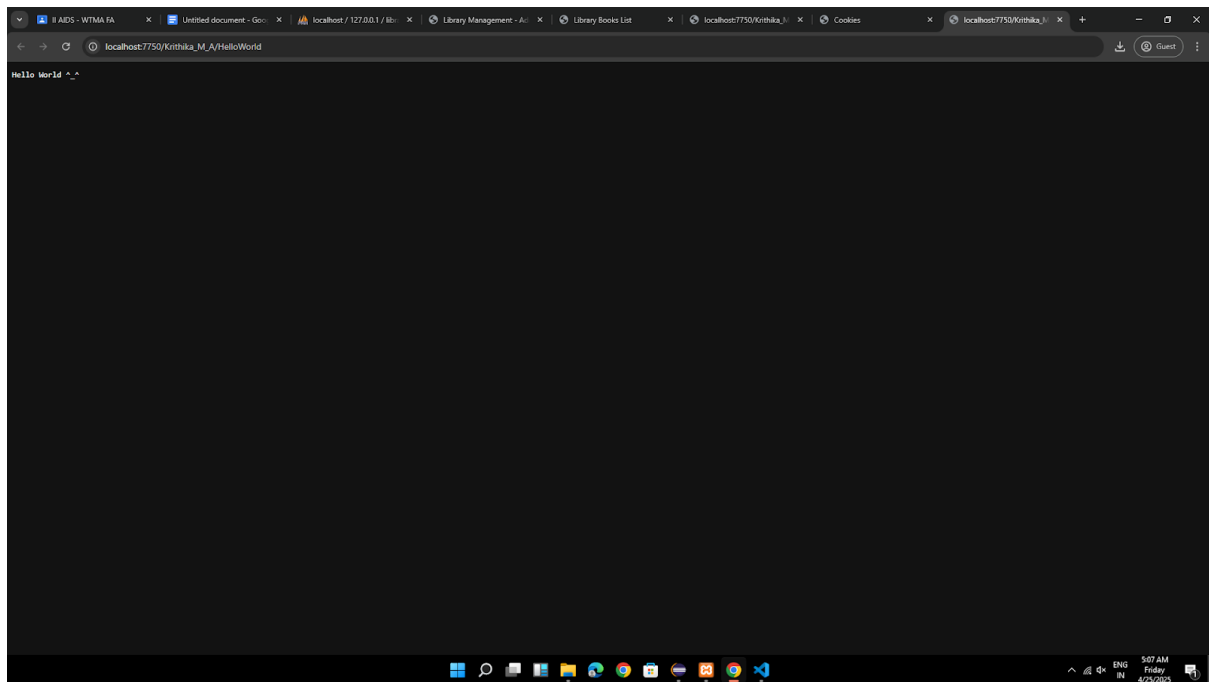
    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);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

```
- Console:** Shows the output of the server startup:


```

Apache Tomcat/8.5.61 at localhost [Apache Tomcat] C:\Users\lenovo\Downloads\ eclipse\plugins\org.eclipse.jdt.launcher\org.eclipse.jdt.launcher.jar
INFO: Starting Servlet Engine: Apache Tomcat/8.5.61
Apr 04, 2025 5:12:15 AM org.apache.tomcat.util.descriptor.web.SecurityScheme setVersion
WARNING: Unknown version string [4.0]. Default version will be used.
Apr 04, 2025 5:12:15 AM org.apache.tomcat.util.descriptor.web.SecurityScheme setVersion
WARNING: Unknown version string [4.0]. Default version will be used.
Apr 04, 2025 5:12:15 AM org.apache.tomcat.util.descriptor.web.SecurityScheme setVersion
WARNING: Unknown version string [4.0]. Default version will be used.
Apr 04, 2025 5:12:15 AM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["http-nio-7907"]
Apr 04, 2025 5:12:15 AM org.apache.catalina.startup.Catalina start
INFO: Server startup in 265 ms
Apr 04, 2025 5:19:35 AM org.apache.catalina.core.StandardContext reload
INFO: Reloading Context with name [/critika_M_A] has started
Apr 04, 2025 5:19:36 AM org.apache.catalina.core.StandardContext reload

```



RESULT:

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