

Subject Code : AI23431 WEB TECHNOLOGY AND MOBILE APPLICATION

ROLL NO:231501071

Artificial Intelligence & Data Science and Artificial Intelligence Machine Learning

LAB EXPERIMENT : 03

3 Write a Servlet program that prints "Hello, World!" when accessed through a browser.

AIM : To Create Servlet program that prints "Hello, World!" when accessed through a browser.

SOURCE CODE :

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

```
public class HelloWorldServlet extends HttpServlet {
// The doGet method is called when a GET request is made to the servlet
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
// Set the response content type to text
response.setContentType("text/html");
```

// Get the output stream of the response

```
PrintWriter out = response.getWriter();
```

// Write the "Hello, World!" message

```
out.println("<html><body>");  
out.println("<h1>Hello, World!</h1>");  
out.println("</body></html>");  
}  
}
```

Configure the Servlet in 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 Declaration -->  
  <servlet>  
    <servlet-name>HelloWorldServlet</servlet-name>  
    <servlet-class>HelloWorldServlet</servlet-class>  
  </servlet>  
  <!-- Servlet Mapping -->  
  <servlet-mapping>  
    <servlet-name>HelloWorldServlet</servlet-name>  
    <url-pattern>/hello</url-pattern>
```

</servlet-mapping>

</web-app>