Subject Code : AI23431 WEB TECHNOLOGY AND MOBILE APPLICATION

Artifcial Intelligence &Data Science and Artifcial 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
```

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


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

Confgure the Servlet in web.xml:

```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>
```