

EXPERIMENT - 8

SERVLET program

AIM:

To create a simple servlet program.

Key points:

This has to run on server.

Code:

HTML page code:

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <form action="add" method="get">
      Number1:<input text="text" name="no1"><br><br>
      Number2:<input text="text" name="no2"><br><br>
      <input type="submit" name="badd" value="Add">
    </form>
  </body>
</html>
```

Java code:

```
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class add extends HttpServlet {

    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            int a=Integer.parseInt(request.getParameter("no1"));
            int b=Integer.parseInt(request.getParameter("no2"));
            out.println("Sum of two numbers is "+(a+b));

        }
        finally {
            out.close();
        }
    }
}
```

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

@Override

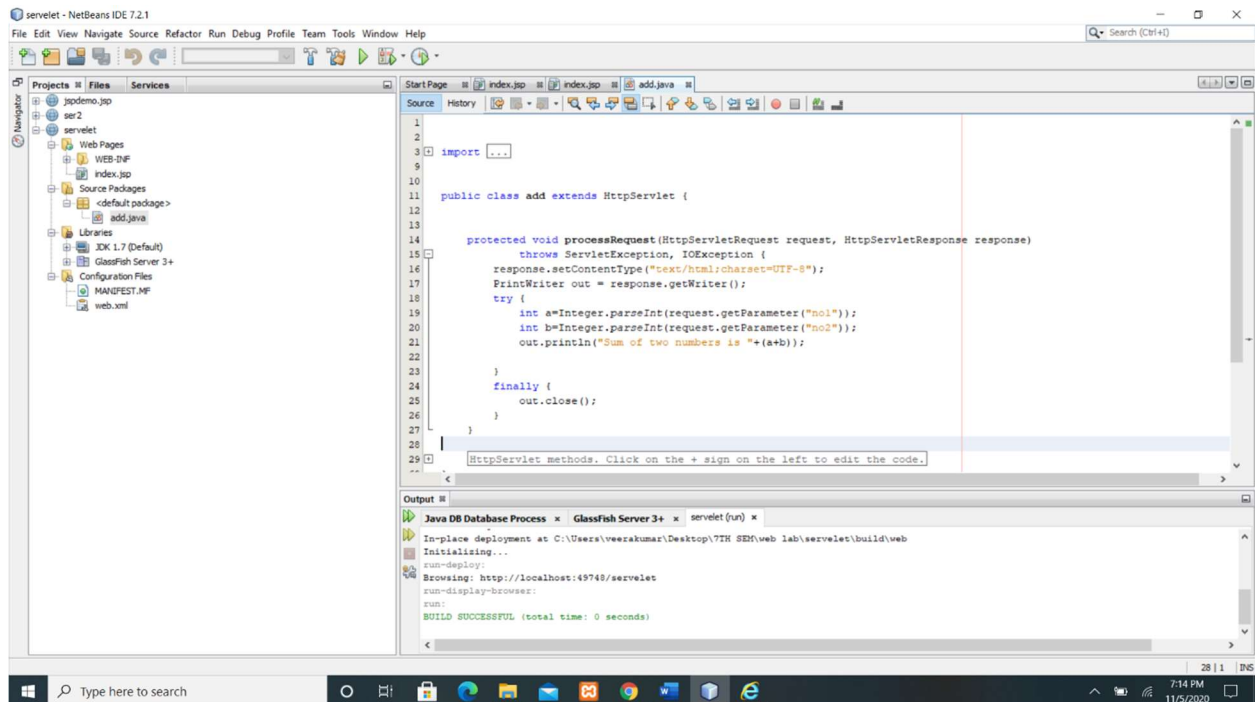
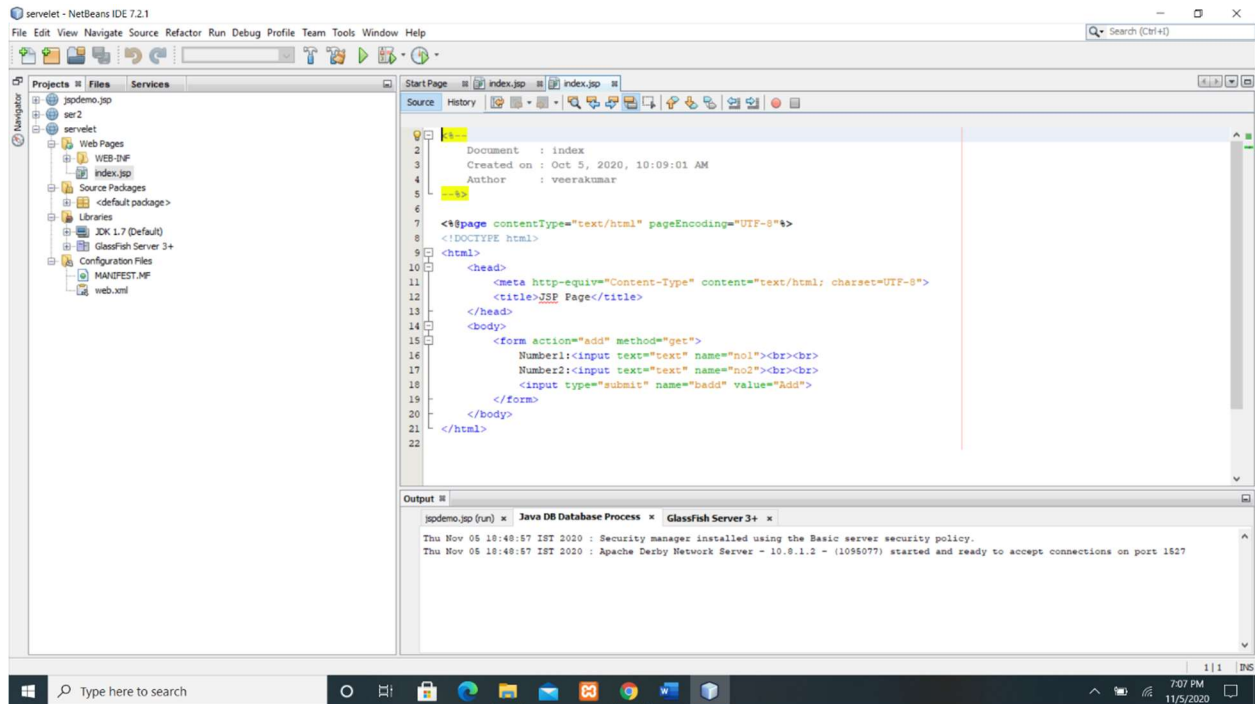
public String getServletInfo() {

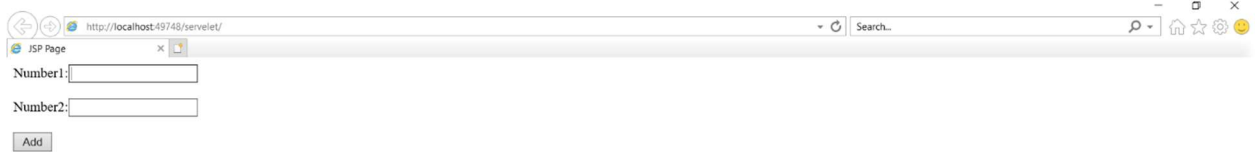
return "Short description";

}

}

Screenshots:





Conclusion:

A simple servlet program is written for addition of two numbers using forms.