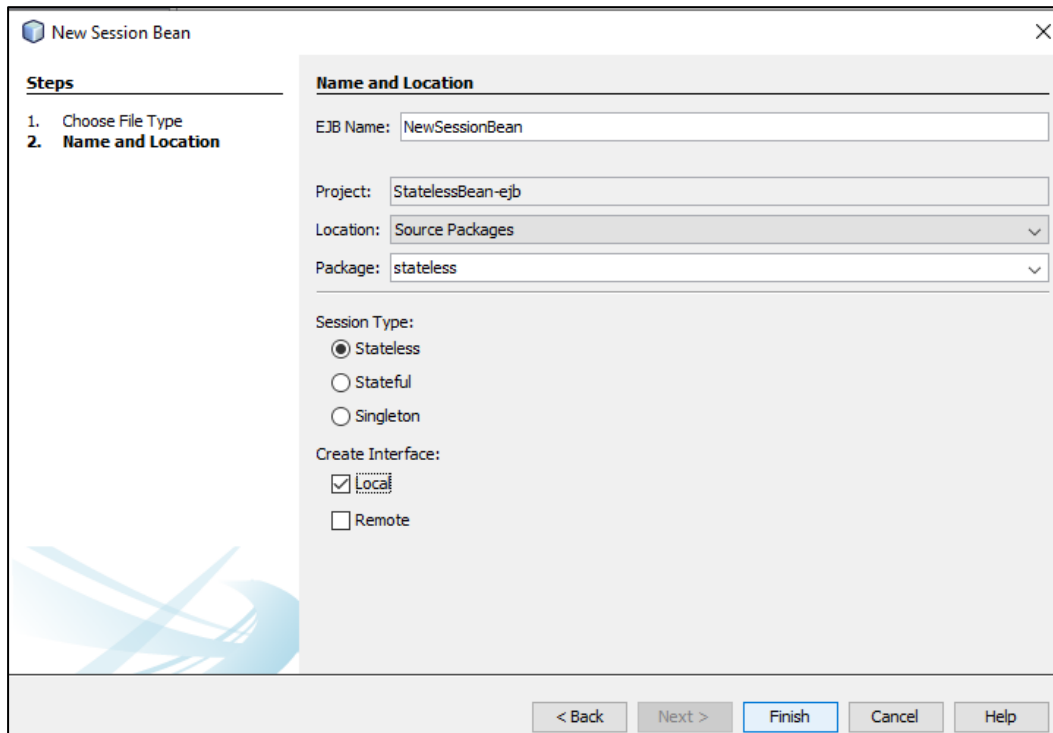## Practical No.: 6D

Aim: Demonstrate a program on Stateless Bean

File → New Project → JavaEE →Enterprise Application →Project Name: **StatelessBean** *→ Finish*

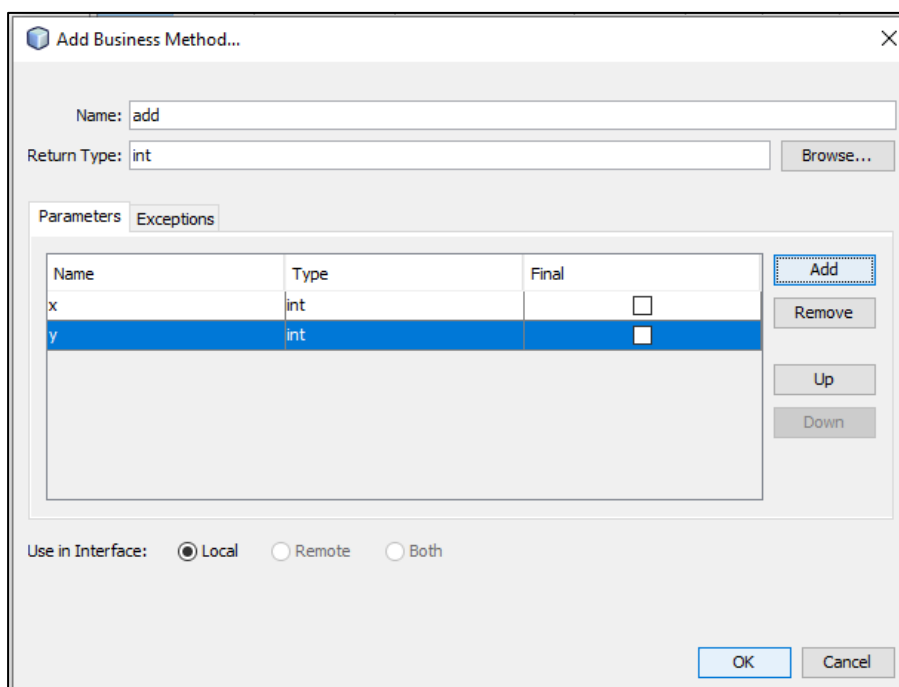Right Click on StatelessBean-ejb → New → Session Bean

NewSessionBean.java

Right Click on blank area in Class ***NewSessionBean*** → Insert Code → Add Business Method

```
package stateless;

import javax.ejb.Stateless;

/**
 *
 * @author TechnoBoy
 */
@Stateless
public class NewSessionBean implements NewSessionBeanLocal {

    @Override
    public int add(int x, int y) {
        return x+y;
    }
}
```

Right Click on ***StatefullBean-war*** → New → Servlet → Class Name: showData → Package: stateless

showData.java

```
package stateless;

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

/**
 *
 * @author TechnoBoy
 */
public class showData extends HttpServlet {

    @EJB
    private NewSessionBeanLocal newSessionBean;
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            /* TODO output your page here. You may use following sample code. */
            out.println("<!DOCTYPE html>");
            out.println("<html>");
            out.println("<head>");
            out.println("<title>Servlet showData</title>");
            out.println("</head>");
            out.println("<body>");
```

```java
            int a=Integer.parseInt(request.getParameter("no1"));
            int b=Integer.parseInt(request.getParameter("no2"));
            out.println("Addition : "+newSessionBean.add(a, b));
            out.println("</body>");
            out.println("</html>");
        }
    }
    @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";
    }
}
```

Right Click on **_StatefullBean-war_** → New → JSP → File Name: newjsp

Newjsp.jsp

```jsp
<%--
    Document   : newjsp
    Created on : 20 Oct, 2019, 1:45:39 AM
    Author     : TechnoBoy
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Stateless Session Bean</title>
    </head>
    <body>
        <h1>Stateless Session Bean</h1>
        <form action="showData" method="post">
            Enter No1 : <input type="number" name="no1"><br>
            Enter No2 : <input type="number" name="no2"><br>
            <input type="submit" value="add">
        </form>
    </body>
</html>
```
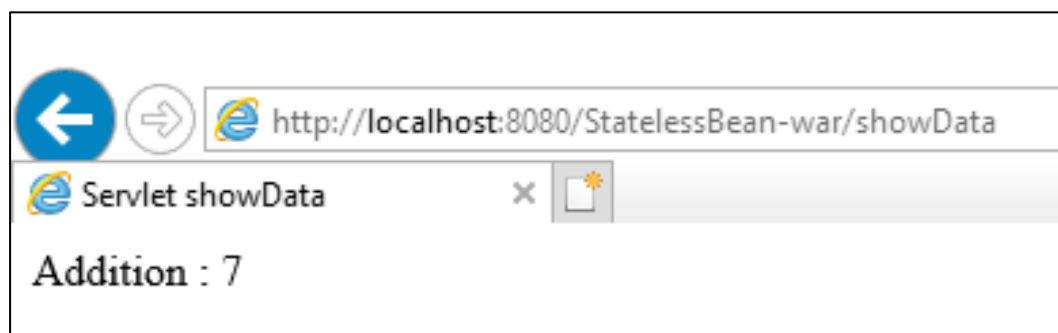
Right Click on StatelessBean(Enterprise Application Project) → Clean and Build → Deploy → Run