

## WEB TECHNOLOGY LABORATORY

### ASSIGNMENT 10

**Design and implement a business interface with necessary business logic for any webapplication using EJB.**

**e.g., Design and implement the web application logic for deposit and withdraw amounttransactions using EJB.**

#### CODE

##### calcbean.java

```
package SessionBean;

import javax.ejb.Stateless;

@Stateless
public class calcbean implements calcbeanLocal {

    @Override
    public Integer calculator(int a, int b, int c) {
        if(c==1)
        {
            return (a+b);
        }
        else if(c==2)
        {
            return (a-b);
        }
        else if(c==3)
        {
            return (a*b);
        }
        else
        {
            return Math.round(a/b);
        }
    }
}
```

##### calcbeanLocal.java

```
package SessionBean;

import javax.ejb.Local;

@Local
public interface calcbeanLocal {

    Integer calculator(int a, int b, int c);
}
```

## form.css

```
body{
    background-color: #eee;
}
form{

    font-size:20px;
}
h1{
    padding:10px;
    text-align: center;
    color:red;
}
div{
    padding:20px;
    background-color:white;
    width:30%;
    margin: auto;
    border-radius: 20px;
}

p{
    display:inline-block;
    width:40%;
}
.pc{
    color:red;
}
input[type=submit]{
    background-color:red;
    color:white;
    width:80%;
    border:none;
    border-radius:20px;
    padding:10px;
    font-weight:bolder;
    font-size:20px;

    margin-left:10%;
}
input[type=submit]:hover{
    background-color:blue;
}
```

## index.jsp

```
<%@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>
        <link rel="stylesheet" type="text/css" href="form.css">
    </head>
    <body>
        <!--form action="calcservlet" method="POST">
            <input type="text" name="t1">
            <input type="text" name="t2">
            <input type="text" name="choice">

            <select name="choice">
                <option value="1">+</option>
                <option value="2">-</option>
                <option value="3">*</option>
                <option value="4">/</option>
            </select>

            <input type="submit" value="ADD">

        </form -->

        <h1>Calculator</h1>
        <div>
            <form action="calcservlet" method="POST">
                <p>First Number: </p><input type="text" name="t1">
                <p>Second Number: </p><input type="text" name="t2"><br />
                <!--<select name="option">
                    <option value="add()">Addition</option>
                    <option value="sub()">Addition</option>
                    <option value="mul()">Multiplication</option>
                    <option value="div()">Division</option>
                </select-->

                <input type="radio" name="choice" value="1" /><p class="pc">Addition</p><br />
                <input type="radio" name="choice" value="2" /><p class="pc">Subtraction</p><br />
                <input type="radio" name="choice" value="3" /><p
class="pc">Multiplication</p><br />
                <input type="radio" name="choice" value="4" /><p class="pc">Division</p><br />
                <input type="submit" value="Submit" />
            </form>
        </div>

    </body>
</html>
```

## OUTPUT / SCREENSHOTS

### Calculator

First Number:

Second Number:

☒ Addition

☐ Subtraction

☐ Multiplication

☐ Division

**Submit**