

# Development of Enterprise Applications I

## LAB 01

### 1. myservlet.java

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    response.getWriter().println("The first lab session of DEA module.");
    //processRequest(request, response);
}
```

### 2. index.html

```
<html>
<head>
<title>TODO supply a title</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
<h1>The first lab session of DEA module. </h1>
</body>
</html>
```

### 3. index.html

```
<html>
<head>
<title>TODO supply a title</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
</head>

<body>

    <form action="myservlet" method="POST">

        <label for="firstName">First Name:</label><br>

        <input type="text" id="firstName" name="fname" required><br><br>

        <label for="surname">Surname:</label><br>

        <input type="text" id="surname" name="sname" required><br><br>

        <input type="submit" value="Submit"> <br><br>

    </form>

</body>

</html>
```

#### myservlet.java

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

    String name = request.getParameter("fname");
    String names = request.getParameter("sname");

    PrintWriter out = response.getWriter();
    out.println(" Welcome " + name+ " "+names);

    //processRequest(request, response);

}
```

#### 4. index.html

```
<html>

<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<form action="myservlet" method="POST">

<table border="0">


<tbody>

  <tr>

    <td>Number 1:</td>

    <td><input type="text" name="n1" value="" /></td>

  </tr>

  <tr>

    <td>Number 2:</td>

    <td><input type="text" name="n2" value="" /></td>

  </tr>

  <tr>

    <td><input type="submit" value="Add" /></td>

  </tr>

</tbody>

</table>
```

```
</form>

</body>

</html>
```

#### myservlet.java

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

String N1 = request.getParameter("n1");
String N2 = request.getParameter("n2");


int n01= Integer.parseInt(N1);
int n02= Integer.parseInt(N2);


PrintWriter out = response.getWriter();
out.println(" Total " + (n01+n02));
//processRequest(request, response);
}
```

#### 5. index.html

```
<html>
  <head>
    <title>TODO supply a title</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <form action="myservlet" method="POST">


    Number 1:<input type="text" name="num1" value="" /> <br>
```

Number 2:<input type="text" name="num2" value="" /> <br>

<input type="submit" name="operation" value="Add" />

<input type="submit" name="operation" value="Sub" />

<input type="submit" name="operation" value="Mul" />

<input type="submit" name="operation" value="Div" />

</form>

</body>

</html>

myservlet.java

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String Num1 = request.getParameter("num1");

String Num2 = request.getParameter("num2");

int num01= Integer.parseInt(Num1);

int num02= Integer.parseInt(Num2);

String operations= request.getParameter("operation");

PrintWriter out = response.getWriter();

switch(operations){

case "Add": response.getWriter().println("Total:"+(num01+num02));break;

case "Sub": response.getWriter().println("Subtraction:"+(num01-num02));break;

case "Mul":response.getWriter().println("Multiplication:"+(num01\*num02));break;

case "Div":

if(num02!=0){

response.getWriter().println("Division :"+(num01/num02));

}

else{

response.getWriter().println("Cannot Divid by zero");

```
        }break;
    }
    //processRequest(request, response);
}
```