

Assignment - 9

AIM: Write a program to demonstrate Page and Include directive.

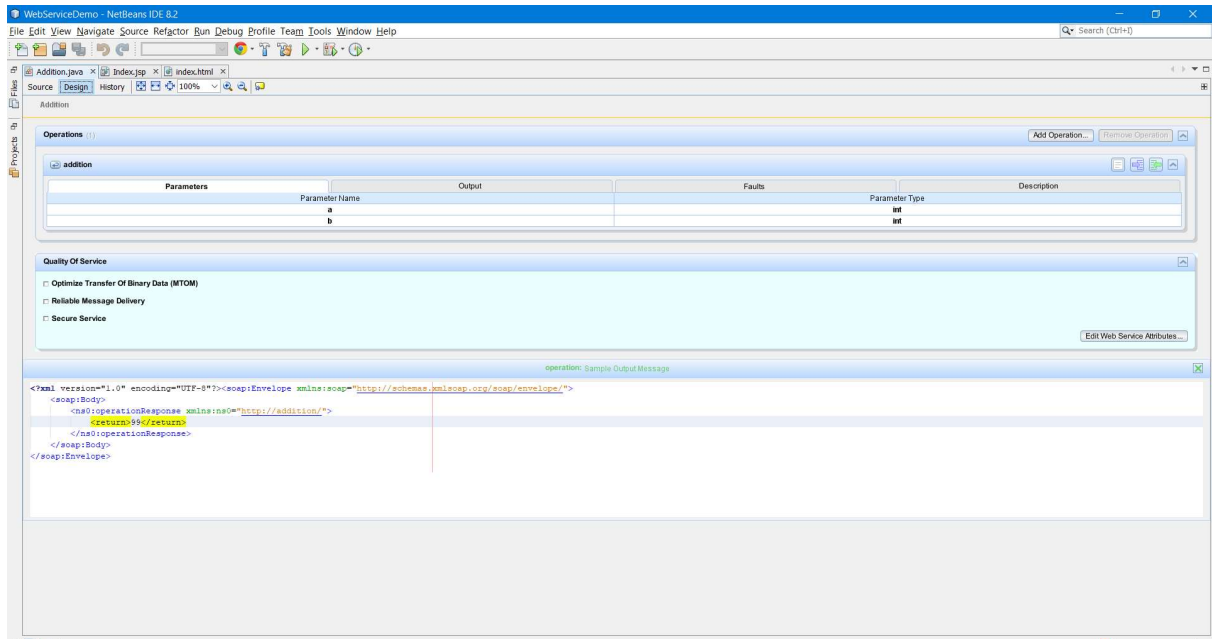
Code:

Addition.java:

```
package addition;

import javax.jws.WebService;
import javax.jws.WebMethod;
import javax.jws.WebParam;

@WebService(serviceName = "Addition")
public class Addition
{
    @WebMethod(operationName = "addition")
    public Integer addition(@WebParam(name = "a") int a, @WebParam(name = "b")
int b)
    {
        return a+b;
    }
}
```

**Code:****Index.jsp**`<%--`

Document : Index

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`--%>``<%@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="Index.jsp">
    Enter Number1 : <input type="text" name="a"> </br></br>
    Enter Number2 : <input type="text" name="b"> </br></br>
    <input type="submit" value="Add">
</form>
```

```
<%-- start web service invocation --%><hr/>
<%
    try
    {
        addition.Addition_Service service = new addition.Addition_Service();
        addition.Addition port = service.getAdditionPort();

        // TODO initialize WS operation arguments here
        int a = Integer.parseInt(request.getParameter("a"));
        int b = Integer.parseInt(request.getParameter("b"));

        // TODO process result here
        java.lang.Integer result = port.addition(a, b);
        out.println("Result = " +result);
    }
    catch (Exception e)
    {
    }
%>
<%-- end web service invocation --%><hr/>
</body>
</html>
```

OUTPUT:

Enter Number1 :

Enter Number2 :

Result = 12
