

Calculator :

```
package ETA_SB.jntu_calc_application;
```

```
public class Calculator {  
    public double doAdd(double num1, double num2) {  
        return num1 + num2;  
    }  
  
    public double doSub(double num1, double num2) {  
        //comment line  
        return num1 - num2;  
    }  
  
    public double doMul(double num1, double num2) {  
        return num1 * num2;  
    }  
  
    public double doDiv(double num1, double num2) {  
        return num1 / num2;  
    }  
}
```

Calculator Servlet:

```
package ETA_SB.jntu_calc_application;

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;

/**
 * Servlet implementation class CalculatorServlet
 */
public class CalculatorServlet extends HttpServlet {

    private static final long serialVersionUID = 1L;

    double res;

    public CalculatorServlet() {

        super();

        // TODO Auto-generated constructor stub

    }

    public void doGet(HttpServletRequest request, HttpServletResponse response)

        throws IOException, ServletException

    {

        doPost(request, response);

    }

    public void doPost(HttpServletRequest request, HttpServletResponse response) throws

ServletException, IOException {

        PrintWriter out = response.getWriter();

        String n1 = request.getParameter("no1");
```

```
String n2 = request.getParameter("no2");
int opt = Integer.parseInt(request.getParameter("opt"));

switch(opt) {
case 1 :
    res = new Calculator().doAdd(Integer.parseInt(n1), Integer.parseInt(n2));
    break;
case 2 :
    res = new Calculator().doSub(Integer.parseInt(n1), Integer.parseInt(n2));
    break;
case 3 :
    res = new Calculator().doMul(Integer.parseInt(n1), Integer.parseInt(n2));
    break;
case 4 :
    res = new Calculator().doDiv(Integer.parseInt(n1), Integer.parseInt(n2));
    break;
}
out.println(res);
}

}
```