



MUMBAI EDUCATIONAL TRUST

MET INSTITUTE OF COMPUTER SCIENCE



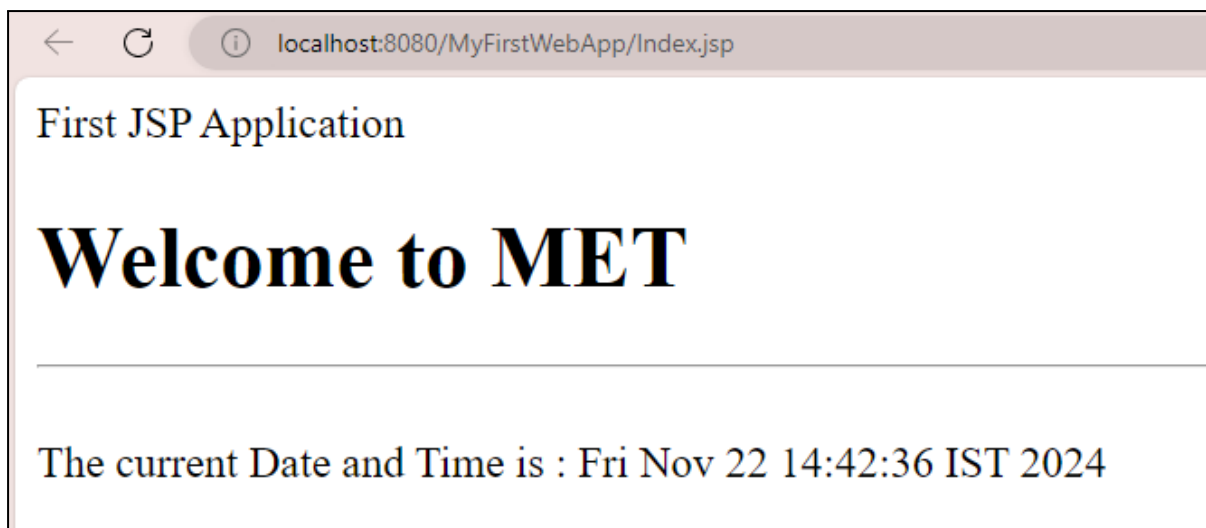
Practical No. :	07
Roll No. :	1520
Title of Practical :	JSP
Objective :	Write a JSP program to <ol style="list-style-type: none">1. Display the current date and time2. Display Multiplication Table

CODE :

Index.html

```
<%@ page language="java" import="java.util.*" %>
<html>
    <head>First JSP Application</head>
    <body>
        <h1>Welcome to MET</h1>
        <hr><br>
        The current Date and Time is : <%= new Date() %>
    </body>
</html>
```

OUTPUT:



CODE :

Index.html

```
<!DOCTYPE html>
<html>
<head>Multiplication Table Application
<meta charset="ISO-8859-1">
<title>Multiplication Table Application</title>
</head>
<body>
    <hr>
    <form action="MulTable.jsp">
        Enter a Number: <input type="text" name="txtNum"><br>
        <input type="submit" name="btnSubmit" value="Submit">
    </form>
</body>
</html>
```

MulTable.jsp

```
<%@ page language="java" %>
<html xmlns="http://www.w3.org/1999/xhtml">
<head></head>
<body>
    <h2>Multiplication Table</h2>
    <hr>
    <%
        //Scriptlet
        //Step 1 : Fetch the number from index.html
        String val = request.getParameter("txtNum");
        int num = Integer.parseInt(val);

        %>
    <table border="1">
        <tr>
            <th>Multiplication Table of <%= num %></th>
        </tr>
    <%
        //Step 2: Loop till mul table
        for(int i = 1 ;i<=10; i++)
        {
```

```

        %>
        <tr> <td><%= num %> * <%=i %> = <%= (num*i) %></td>
    </tr>
    <%
    }
    %>
</body>
</html>

```

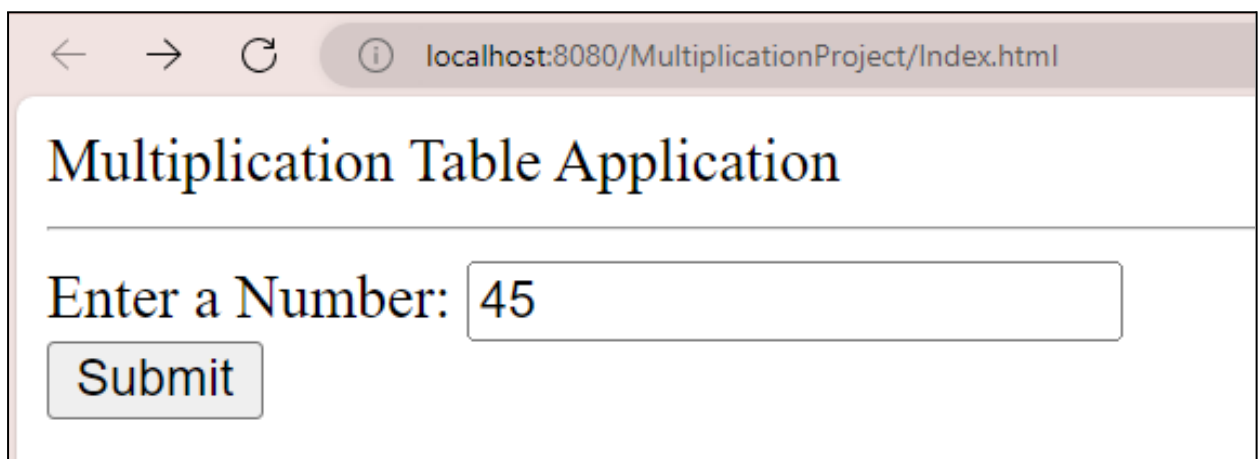
ShowError.jsp

```

<?xml version="1.0" encoding="ISO-8859-1" ?>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1" isErrorPage="true" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Insert title here</title>
</head>
<body>
    <h1>OOPS! Something went Wrong!!!<br><%=exception.getMessage()
%></h1>
    <a href="Index.html">Try Again</a>
</body>
</html>

```

OUTPUT:



← → ↻ ⓘ localhost:8080/MultiplicationProject/Index.html

Multiplication Table Application

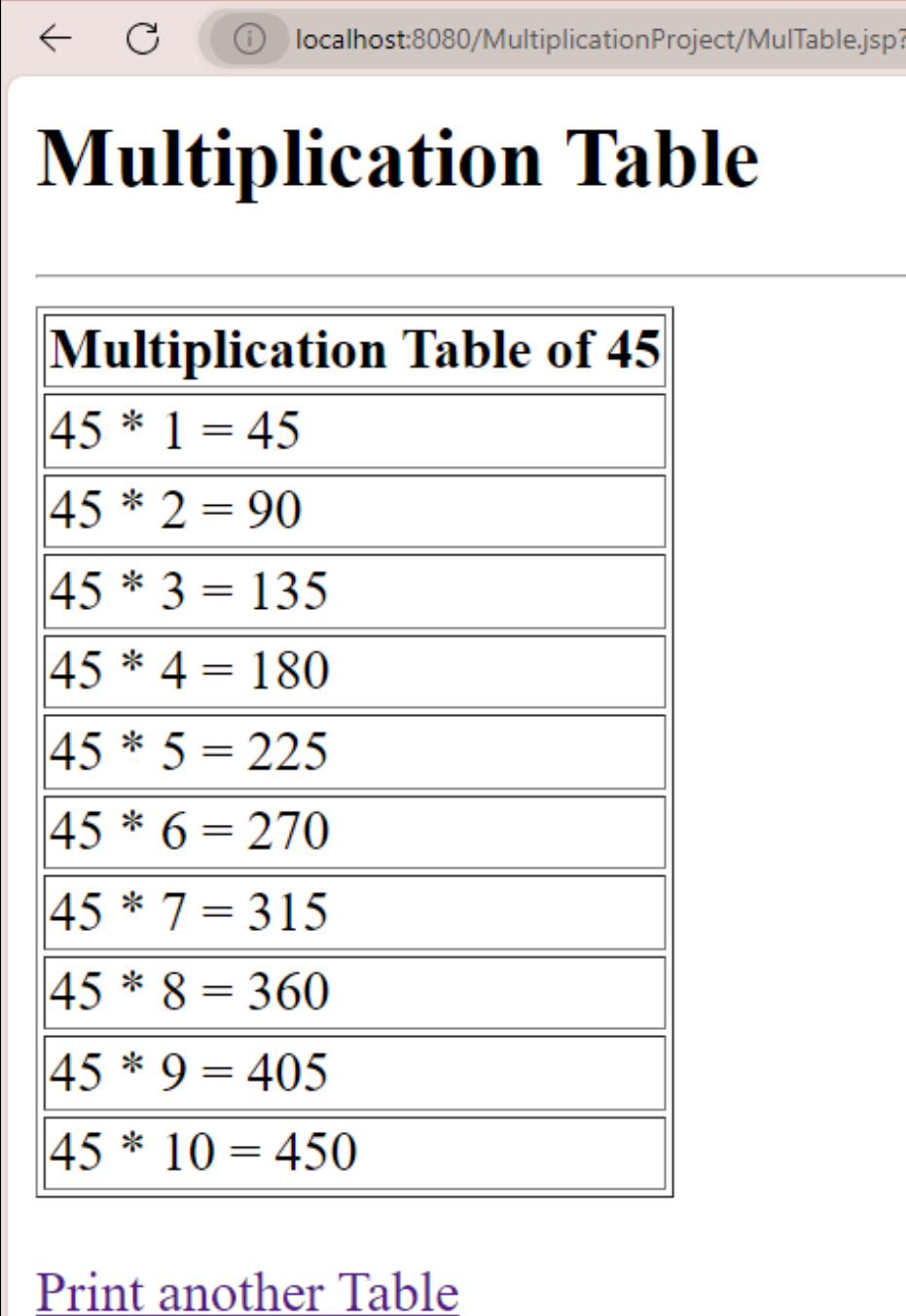
Enter a Number:

For Invalid Input



A screenshot of a web browser window. The address bar shows the URL: `localhost:8080/MultiplicationProject/MulTable.jsp?txtNum=op&btnSubmit=Submit`. The main content area displays a large, bold, black text message: "OOPS! Something went Wrong!!! For input string: "op"". Below this message is a purple, underlined link that says "Try Again".

For Valid Input



A screenshot of a web browser window. The address bar shows the URL: `localhost:8080/MultiplicationProject/MulTable.jsp?`. The main content area displays a large, bold, black title: "Multiplication Table". Below the title is a table with a single column and 11 rows. The first row is the table header: "Multiplication Table of 45". The subsequent 10 rows contain multiplication results for the number 45 multiplied by integers from 1 to 10. At the bottom of the page is a purple, underlined link that says "Print another Table".

Multiplication Table of 45
45 * 1 = 45
45 * 2 = 90
45 * 3 = 135
45 * 4 = 180
45 * 5 = 225
45 * 6 = 270
45 * 7 = 315
45 * 8 = 360
45 * 9 = 405
45 * 10 = 450