## OUTPUT:



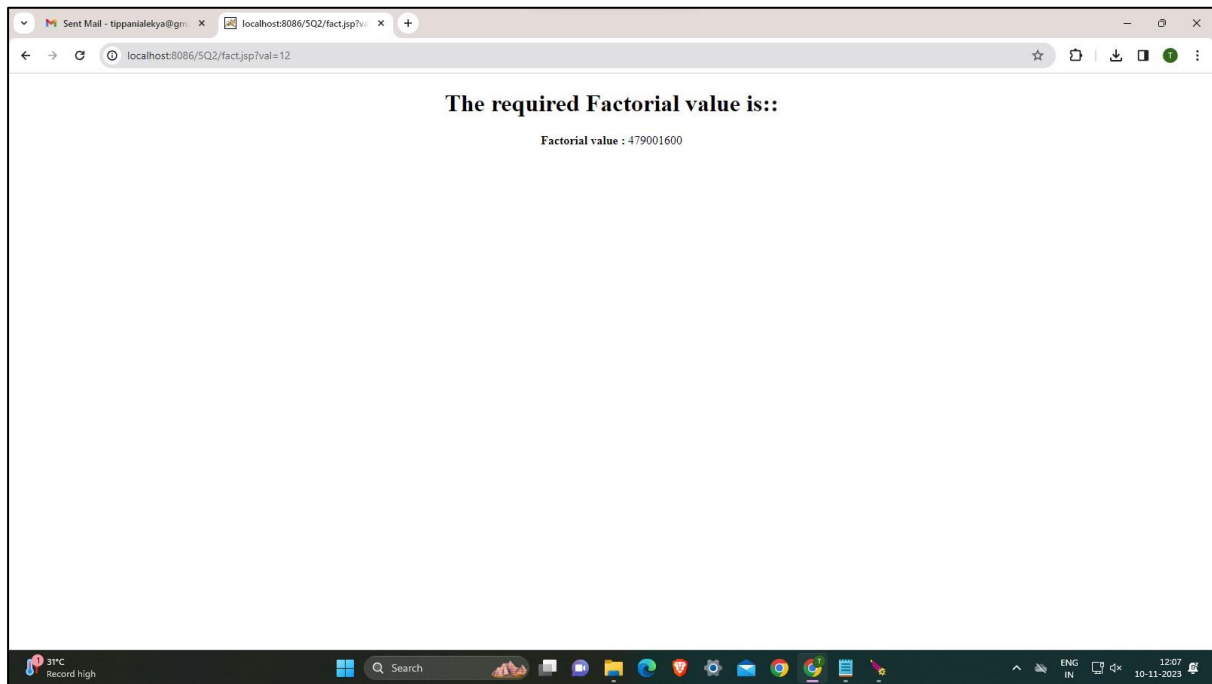**The required Factorial value is::**

Factorial value : 479001600

# EXERCISE-7

**7)**

**Aim:** To develop a JSP program that calculates factorial values for an integer number, while the input is taken from an HTML form.

**Code:**

**Index.jsp**

```
<!DOCTYPE html>

<head>

<title>Index Page for factorial</title>

</head>

<body>

<br><br>

<center>

<form name="f" action="fact.jsp">

<h1>Enter the number to get Factorial::

<input type="text" name="val">

<input type="Submit" value="Submit"></h1>

</form>

</center>

</body>

</html>
```

**Fact.jsp**

```
<%@ page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<body>

<center>

<h1>The required Factorial value is:</h1>
```
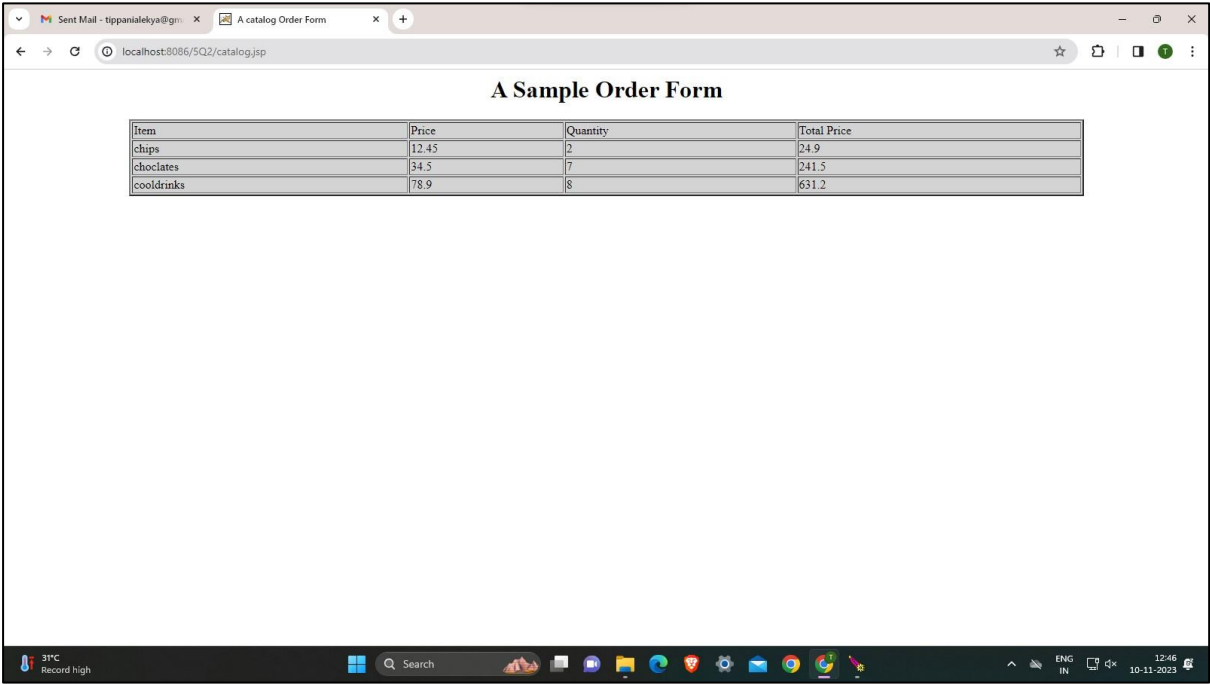
```
<%!
long n, result;
String str;
long fact(long n)
{
if(n==0)
return 1;
else
return n*fact(n-1);
}
%>
<%
str=request.getParameter("val");
n=Long.parseLong(str);
result=fact(n);
%>
<b>Factorial value:</b><%= result %>
</center>
</body>
```

# OUTPUT:



**A Sample Order Form**

| Item | Price | Quantity | Total Price |
|---|---|---|---|
| chips | 12.45 | 2 | 24.9 |
| choclates | 34.5 | 7 | 241.5 |
| cooldrinks | 78.9 | 8 | 631.2 |

# EXERCISE-8

8)

**Aim:** To develop a JSP program that shows a Sample Order Form.

**Code:**

```
<html>
<head>
<title>A catalog Order Form<title>
<head>
<h1 align="center">A sample Order Form<h1>
<%!
String item[]={"Chips", "chocolates", "cooldrinks"};
double price[]={18.99,34.5,56.8}
int quantity[]={23,56,67}
%>
<table align="center" bgcolor="lightgray" border="1" width="75%">
<tr>
<td>Item</td>
<td>Price</td>
<td>Quantity</td>
<td>Total Price</td>
</tr>
<% for(int i=0;i<3;i++)
{%>
<tr>
<td><%=item[i]=%></td>
<td><%=Price[i]=%></td>
<td><%=Quantity[i]=%></td>
```

```
<td><%=Price[i]*Quantity%></td>
</tr>
<%}
%>
</table>
</body>
</html>
```