# 16. JSP – Assignment

1. Create a JSP page which finds the factorials from 1 to 5 in the displays the page in the following format

Factorial (1) : 1

Factorial (2): 2

Factorial (3): 6

Factorial (4) : 24

Factorial (5) : 120

1. Create a dynamic web application which contains the following web pages

Color.html -> Which takes color name input in a text field and contains one submit button

BGColor.jsp-> which retrives the color name from Color.html and set the background color of the web page with the given color and displays a message “Testing a background color of “Color name”. If the user clicks on submit button without entering any color then the background of webpage should be white and display a message “Testing a background color of White”.

1. Develop a web application which shows the difference between <jsp:include> and <jsp:forward>
2. Create a dynamic web application with the following pages

Item.html -> which reads the item details like itemno,itemname,itemprice and contains a submit button

Item.java-> It is a Java bean class which contains attributes itemno,itemname,itemprice and setters and getters methods

Item.jsp -> which reads the data from Item.html file using <jsp:useBean> and <jsp:setProperty> and sets the data to the Java bean class. It also contains a link “Next Page”. If the users clicks on next page link it should connect to NextPage.jsp which displays the details of Item which entered in HTML form.

1. Create a Custom Tag <echo> with attributes firstname(required) and lastName(optional) and display the message “Hello Firstname Lastname”.
2. Develop a Web Application using JSTL which finds the biggest of two numbers Use Core JSTL tags
3. Develop a Web Application using JSTL which reads the form data and displays the data
4. Develop a Web Application using JSTL which connects to a data base and retrieves the records from Emp table