

Assignment: JSP and JSTL

Overview:

This assignment has four exercises, each for around 30-45 minutes. You are expected to complete the course/ reference reading before attempting the exercise. On completion of the exercises, you will be able to achieve the following objectives:

S.No	Exercise	Description	Learning Objective
1	Develop a JSP to print Date	This exercise is to develop JSP Page	Develop JSP with scripting elements
2	Develop a JSP to perform mathematical operations	This exercise is to develop JSP Page	
3	Develop a JSP to print table data from database	This exercise is to develop JSP using database	Develop JSP with scripting elements with database code
4	Develop a JSP to validate a user against database	This exercise is to develop JSP using database	

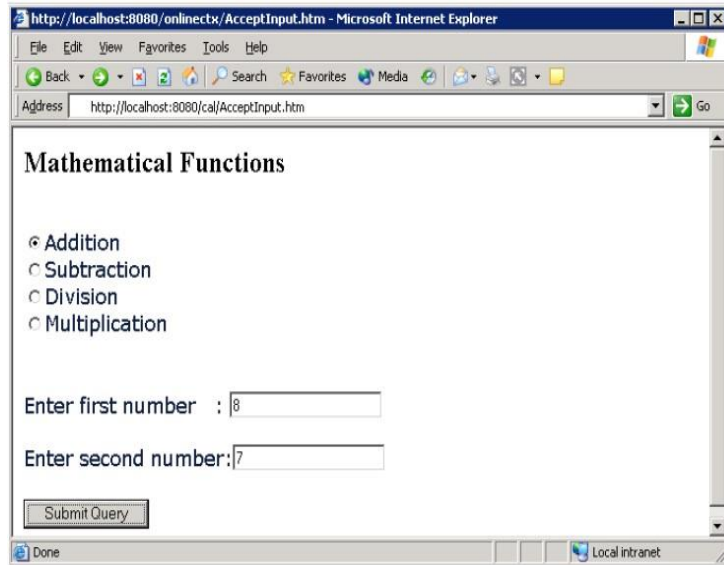
JSP & JSTL

Exercise 1: Write a JSP to display the current time in Hours Minutes Seconds? (E.g. 04:05:05.)

Recommended duration: 15 minutes

Solution Guidance (if applicable): Use scriptlet.

Exercise 2: Write a JSP Calculator which will perform the basic arithmetic operations and display the result after accepting the values and type of operation from HTML?



Recommended duration: 30 minutes

Solution Guidance (if applicable): Use scriptlet.

Exercise 3: Write a JSP to connect to Database table and display the records of a table in Tabular format with Table columns as Headers using JSTL core library?

Recommended duration: 45 minutes

Solution Guidance (if applicable): Use scriptlet & JDBC.

Exercise 4: Develop a web-based application, to validate the Users credentials against database records using Java Beans. In case user credentials exist in the database, system should navigate the user towards success view page otherwise redirect it to the failure view page?

Recommended duration: 40 minutes

Solution Guidance (if applicable): Use scriptlet & JDBC.