



NAME:

NUR HIDAYATUL AIN BINTI HALUWI

MATRIC NO:

S62367

LAB:

3

SUBJECT NAME:

CSE3023-WEB BASED APPLICATION

LECTURER NAME:

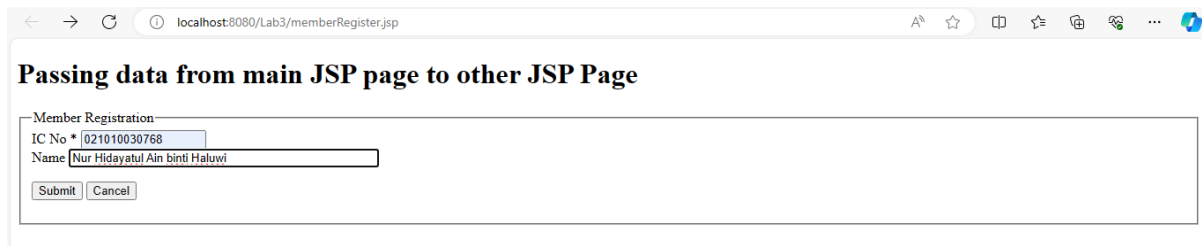
DR MOHD NOR HASSAN

LAB DEMONSTRATOR:

SIR ARIZAL SHAMSIL

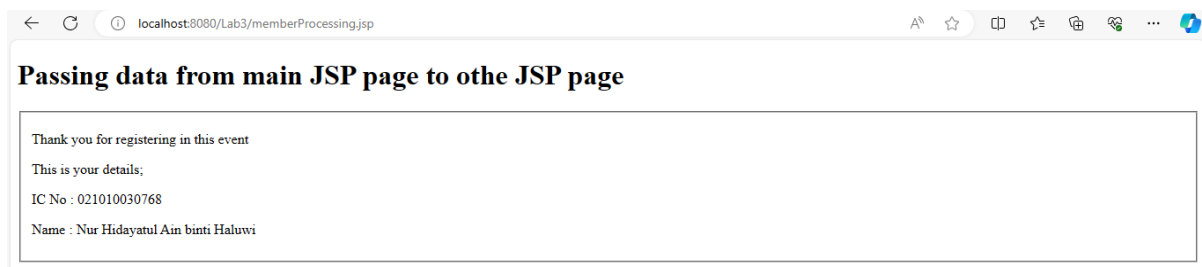
TASK 1

memberRegister.jsp



A screenshot of a web browser showing the 'memberRegister.jsp' page. The page title is 'Passing data from main JSP page to other JSP Page'. It contains a 'Member Registration' form with two input fields: 'IC No' with the value '021010030768' and 'Name' with the value 'Nur Hidayatul Ain binti Haluwi'. Below the fields are 'Submit' and 'Cancel' buttons.

memberProcessing.jsp

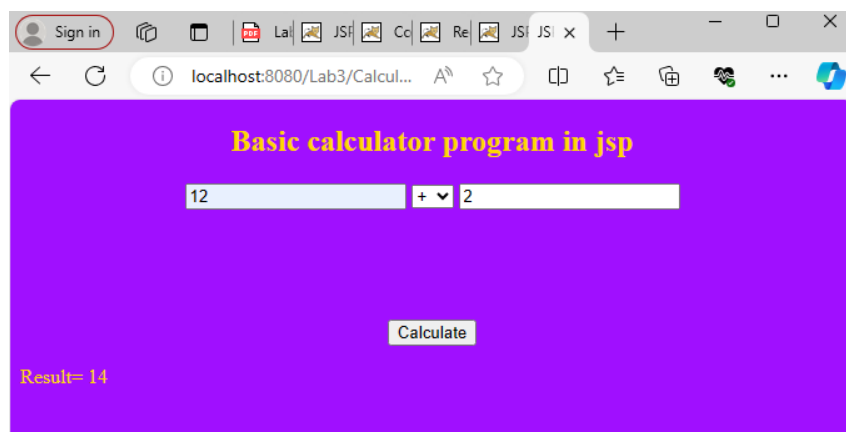


A screenshot of a web browser showing the 'memberProcessing.jsp' page. The page title is 'Passing data from main JSP page to othe JSP page'. The page content displays a confirmation message: 'Thank you for registering in this event', followed by 'This is your details;'. Below this, it shows the registered details: 'IC No : 021010030768' and 'Name : Nur Hidayatul Ain binti Haluwi'.

REFLECTION

- 1.to submit specific information from one to next form is using Java Scriptlet that retrieve the value from main form
- 2.If the field name that specify in request.getParameter("field_name") in second page is different from field name defined in first page,the browser will display error or 404 not found.

TASK 2



A screenshot of a web browser showing a 'Basic calculator program in jsp'. The page has a purple background. It features two input fields for numbers, with '12' in the first and '2' in the second. Between them is a dropdown menu showing a plus sign. Below the inputs is a 'Calculate' button. At the bottom left, it displays 'Result= 14'. The browser's address bar shows 'localhost:8080/Lab3/Calcul...'. A 'Sign in' button is visible in the top left corner of the browser window.

TASK 4

Perform Car Loan Calculation

Loan Calculation

Loan Amount * 5000

Period 7 years

Submit Cancel

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REFLECTION

- 1.to retrieved data from previous page,java scriptlet used
- 2.logic for loan and interest is $\text{totalInterest} = \text{Amount} * \text{interestRate} * \text{Period}$

TASK 5

Use JSP Page Directive

The number of records in ArrayList are 6

Record 1 is Muhammad Azam

Record 2 is Peter Chong

Record 3 is Rahimah Mansor

Record 4 is Sri Devi

Record 5 is Ng Hue Ween

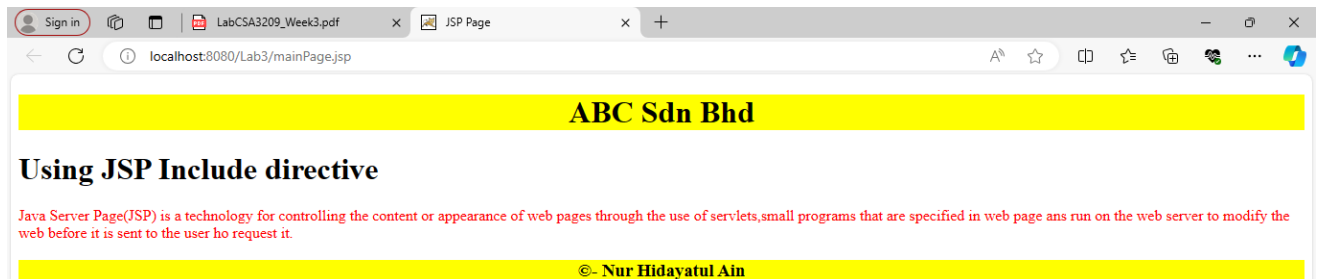
Record 6 is S.Nagarajan

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REFLECTION

- 1.What I have learn from this task is storing the data using an object and retrieved the data via jsp page
2. 3 example syntax of JSP page directive are `<%@page ...%>` , `<%@include ...%>` and `<%@taglib ...%>`

TASK 6

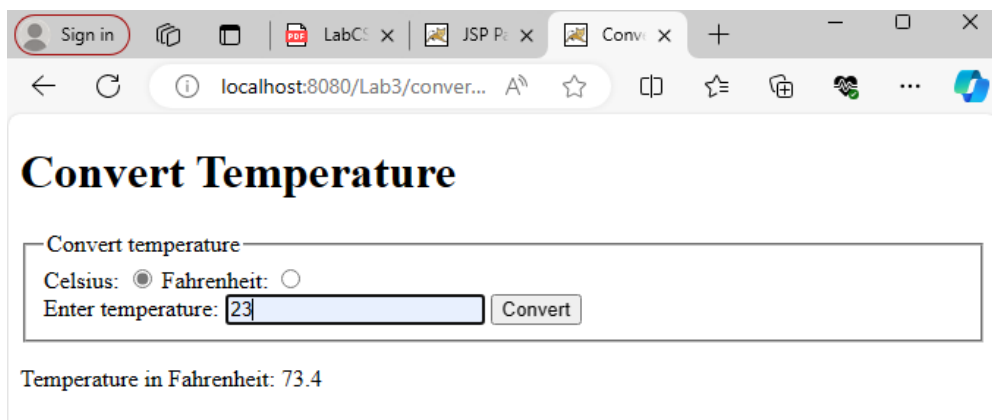


REFLECTION

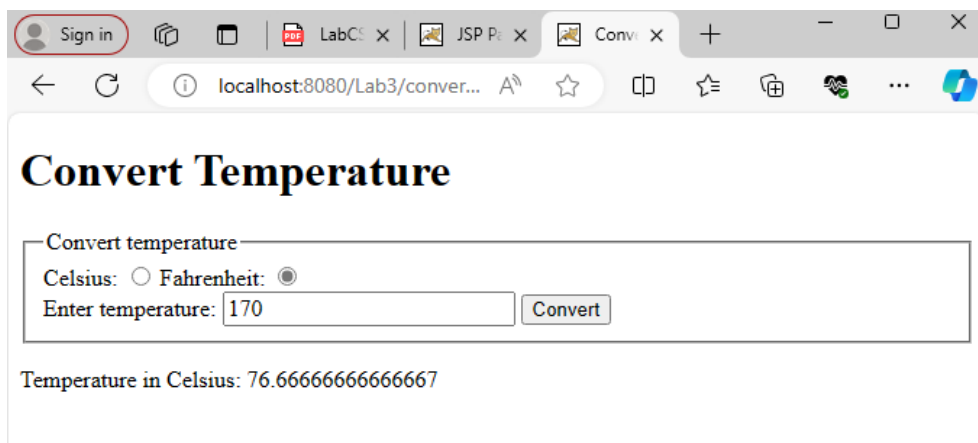
1. I have learn to create JSP main page that display header, content and footer using Include directive
2. Syntax to include common.html file at master file is `<%@include file="common.html" %>`

EXERCISE 1

Conversion from Celsius to Fahrenheit

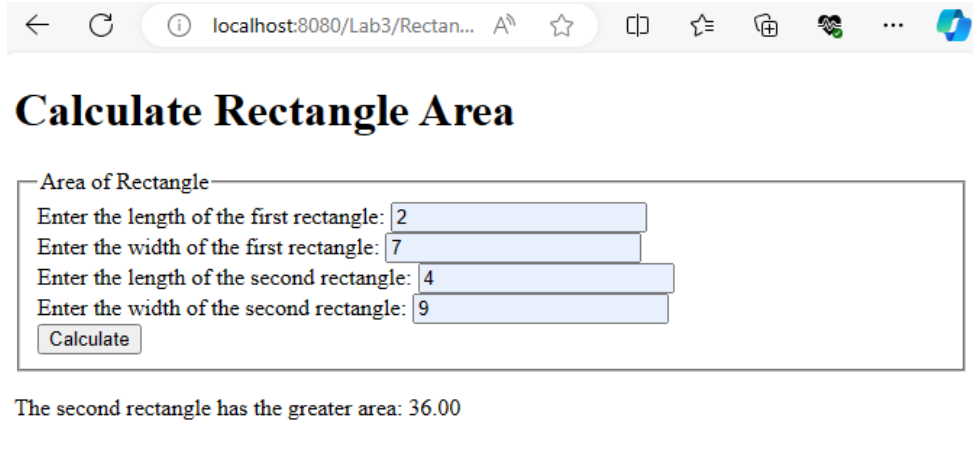


Conversion from Fahrenheit to Celsius



EXERCISE 2

Rectangle with greater area



← ↻ ⓘ localhost:8080/Lab3/Rectan... A ☆ □ ☆ ⊞ 🌐 ...

Calculate Rectangle Area

Area of Rectangle

Enter the length of the first rectangle: 2

Enter the width of the first rectangle: 7

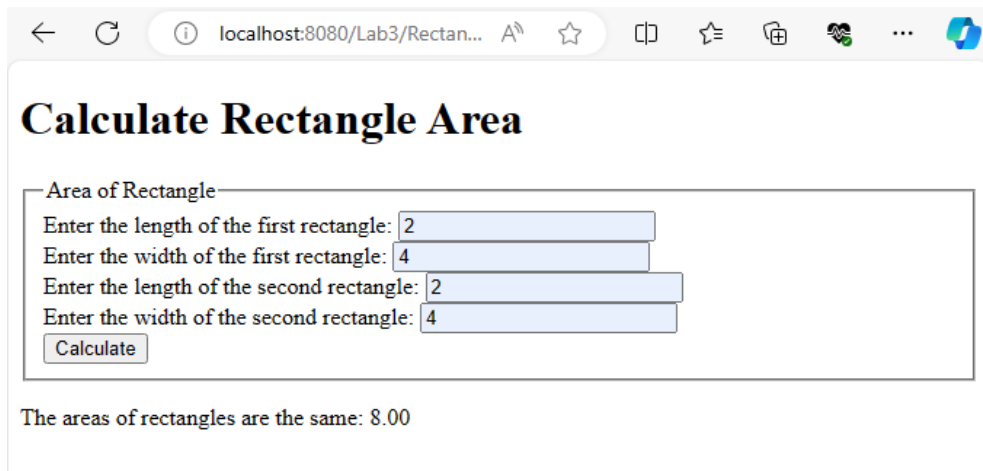
Enter the length of the second rectangle: 4

Enter the width of the second rectangle: 9

Calculate

The second rectangle has the greater area: 36.00

Rectangle with same area



← ↻ ⓘ localhost:8080/Lab3/Rectan... A ☆ □ ☆ ⊞ 🌐 ...

Calculate Rectangle Area

Area of Rectangle

Enter the length of the first rectangle: 2

Enter the width of the first rectangle: 4

Enter the length of the second rectangle: 2

Enter the width of the second rectangle: 4

Calculate

The areas of rectangles are the same: 8.00