

CSM3023 WEB BASED APPLICATION DEVELOPMENT (K1)

BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING) WITH HONORS

SEMESTER 2 2023/2024

LAB 3 – JSP: Scriplet, Page Directive & Include Directive

Prepared by:

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Task 1: Passing Data from Main JSP's Page to Other JSP's Page Coding:

Output:

Passing data from main JSP's page to other JSP's page

Member Registration	
Ic No * 031121010866	
Name Aiman Harith Zakwan	
Submit Cancel	

Passing data from main JSP's page to other JSP's page

Thank you for registering in this event!
This is your details;
Ic No : 031121010866
Name : Aiman Harith Zakwan

Reflection

- 1. How do you want to submit specific information from one form to next form? By using post method and assigning field name.
- 2. What happened if the field name you specify in request.getParameter("field_name") in second page is different from the field name you defined in first page?

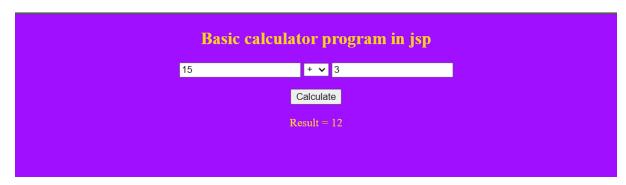
The information we intended to refer cannot be referred.

Task 2: Using Mathematics Operations in JSP

Coding:

```
case '%' result = integer.parseInt(numl) / integer.parseInt(num2);
break;
case 's': result
```

Output:



Reflection

- 1. How do you want to submit specific information from one form to next form? By using post method and assigning field name.
- 2. What happened if the field name you specify in request.getParameter("field_name") in second page is different from the field name you defined in first page?

The information we intended to refer cannot be referred.

Task 4: Perform Calculation of Car Loan

Coding:

```
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chead)
ctitle>Loan Calculator MY</title>
cmeta charset="UPF-8"
chead)
ctotle>Loan Calculator MY</title>
cmeta charset="UPF-8"
chead)
chead)
chead
chea
```

```
CVBpage contentType="text/html" pageEncoding="UTF-0"%>
clocyte html>

Seeds

Coats http-equive*Content-Type" content="text/html; charset=UTF-8">
clitie>JBF Page(fitle>
cats http-equive*Content-Type" content="text/html; charset=UTF-8">
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```

Output:

Perform Car Loan Calculation



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Perform Car Loan Calculation

```
Details of car loan:

Loan Request: RM50000.0

Period of payment: 7

Total Loan (+ interest): RM52250.0
```

Reflection

- 1. How you want to retrieve data from previous page? By using request.getParameter method.
- 2. Where the construction of logic occur for calculating Total Loan (+ interest)? After we received all the required datas from previous page.

Task 5: Using JSP Page Directive to Call Java API

Coding:

Output:

Use JSP Page Directive

The number of records in ArrayList are 6

Record 1 is Mohamad Azam

Record 2 is Peter Chong

Record 3 is Rahimah Mansor

Record 4 is Sri Devi

Record 5 is Ng Hue Wen

Record 6 is S. Nagarajan

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Reflection

- 1. What you have learnt from this exercise?

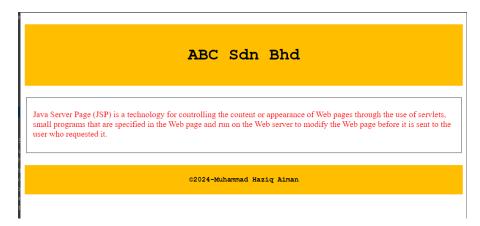
 I have learnt how to import JSP page directive inside my JSP page.
- 2. Write a sample syntax how you want to use java Math object in JSP? </@page import="java.math.*"%>
- 3. List and write a sample syntax for THREE (3) of JSP page directive
- <%@page import="java.util.Scanner"%>
- <%@page import="java.util.math.pow"%>
- <%@page import="java.util.*"%>

Task 6: Use JSP Include directive for JSP Page

Coding:

```
| The content of the
```

Output:



- What you have learnt from this exercise?
 I have learnt how to include a JSP page inside another JSP page.
- 2. Write a syntax how you want to include common.html file that located at

a directory known as master.

<%@ include file="master/common.html" %>

Exercise

1.

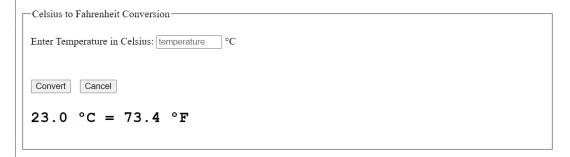
Coding:

Output:

Calculate Celsius to Fahrenheit



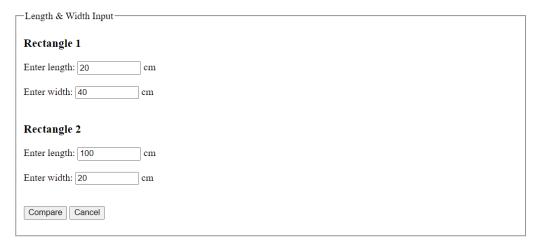
Calculate Celsius to Fahrenheit



Coding:

Output:

Comparing 2 Rectangle Areas



Rectangle Area Comparison Result

Area of Rectangle 1: 800.00 square cm Area of Rectangle 2: 2000.00 square cm

Rectangle 2 has a greater area than Rectangle 1.