

# **CSM3023 WEB BASED APPLICATION DEVELOPMENT (K1)**

# BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING) WITH HONORS

**SEMESTER 2 2023/2024** 

LAB 4 – JSP: Scriptlet, Expression & Standard Actions

Prepared by:

MUHAMMAD HAZIQ AIMAN BIN MUSTAFA (S67978)

Task 1:

Coding:

#### customer.html

```
Click nbfs://nbhost/SystemFileSystem/Templates/JSP Serviet/Html.html to edit this template

(html)

(chead)

(file>TODO supply a title</title>
(meta charset="UTF-8")

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(head)

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(label for="fity="Younamity/Jabel>)

(input type="mumber" id="qtty" name="custType" value="1">

(label for="normal">custEmple "value="1">clabel for="fity="sumit">clabel for="privilege" name="custType" value="2">

(label for="privilege" name="custType" value="2")

(label
```

#### processCustomer.html

Output:

## Use JSP Scriplet and JSP Expression in application

#### **Customer discount**



# Use JSP Scriplet and JSP EXpression in application

#### Reflection

- 1. What you have learnt from this exercise?

  I have learnt how to apply JSP scriplet and expression in web application.
- 2. Explain three (3) type of JSP scripting? JSP declaration, expression and scriplet.

#### Task 2:

Coding:

currencyConversion.jsp

```
chead citiestimes kacak/titles casts charact="UT=6">
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casts name="viwport" content="width-device-width, initial-scale=1.0">
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chody
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```

## processCurrency.jsp

```
drencyName = "USD";
break;
case "2";
currencyName = "STG";
break;
case "3";
currencyName = "EURO";
break;
case "3";
currencyName = "EURO";
break;
currencyName = "EURO";
currencyName = "STG";
currencyName = "
```

Output:

#### Use JSP Declaration tag, JSP Scriplet and JSP Expression in application



#### Use JSP Declaration tag, JSP Scriplet and JSP Expression in application

Amount in Ringgit Malaysia is 1000 Amount in STG is 5940.00

#### Reflection

What have you learn from this exercise?
 I have learnt how to us JSP declaration tag to declare variable and function, JSP Expression and JSP Scriplet.

Task 3:

Coding:

jspParam.jsp

#### subjectInfo.jsp

### Output:

Using jsp:include and jsp:param to display information on JSP page

## Calling subjectInfo.jsp page

```
Code = CSF3107
Subject = Web Programming 2
Credit = 3(2+1)
```

#### Reflection

1. What you have learnt from this exercise?

I have learnt how to use jsp:include to call method than pass information using jsp:param.

2. List TWO (2) other JSP Standard Action Tag jsp:forward & jsp:useBean

Task 4:

Coding:

forward.jsp

forwardInfo.jsp

```
(*Bphage contentType="text/html" pageEncoding="UTF-8"$>
(*IDOTTYE html>)

Chead)

Chead)

Chead>

Chead>
```

## Output:

Fouad Abdulameer fouadaug@gmail.com Iraqi Developer Today is:Sat Apr 27 16:35:17 MYT 2024

#### Reflection

- 1. What you have learnt from this exercise?
  I have learnt how to use JSP Standard Action Tag JSP:forward to call targeted method than use JSP:param to forward information.
- 2. List TWO(2) More JSP Standard Action Tag1.jspsetProperty2.jspgetProperty

# Task 5:

# Coding:

# in surance Quotation. jsp

```
</form>
</fieldset>
</body>
</html>
```

processInsuranceQuo.jsp

```
<*@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
     <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<tittle>ZIQRICH INSURANCE</title>
```

Output:

### **Insurance Quotation**



Details of Insurance Quotation

IC No: 041120-01-0865

Customer Name: RyoukiTenkai

Market Price: 40000

Coverage Type: Comprehensive

No claim discount (NCD) = 35%

Insurance amount: 960.00

6% GST: 57.60

Final amount(with 6% GST): 1017.60

#### Reflection

- 1. What you have learnt from this exercise? I have learnt how to use Java Scriplet.
- 2. List all Java features you used in Java Scriptlet.
  Variable, data type, operator and control statement.

Exercise:

Coding:

bmiCalculator.jsp

#### processBmiCalculator.jsp

Output:

-BMI Analyzer Enter your height in(m):	1.7		
Enter your weight in(kg):		₹	
Submit Cancel		_	
-Your RMI result			
-Your BMI result—————			
Height: 1.7			
-Your BMI result————Height: 1.7 Weight: 110.0			