

CSM3023 WEB BASEDAPPLICATIONDEVELOPMENT (K1)

BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING) WITH HONORS

SEMESTER 2 2023/2024

LAB 4 – JSP: Scriptlet, Expression &Standard Actions

Prepared by:

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Task 1:

Coding:

customer.html

```
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```

processCustomer.html

```
| Gustomethim| X | processCustomeripp X | GurrencyConversion.html X | processCurrency.jsp X | jspParameter.jsp X | jsubjectinio.jsp X |
```

Output:

Use JSP Scriplet and JSP Expression in application

Customer discount



Use JSP Scriplet and JSP EXpression in application

Reflection

- 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

processCurrency.jsp

```
| Continue to | Proceedings | Continue to |
```

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

- 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

```
# customerAttml X ** processCustomer/spx X ** currencyConversion.html X ** processCurrency.spx X ** psubjectinfo.jsp X ** forward/sp X ** forw
```

forwardInfo.jsp

Output:

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

Reflection

- 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 Tag
 - 1. jspsetProperty
 - 2.jspgetProperty

Task 5:

Coding:

insuranceQuotation.jsp

```
| Decomposition | Decompositio
```

processInsuranceQuo.jsp

```
_ml p processCurrency(pp x ppsparameter).pp x pps
                                                                                                                                                          return insurance;
}
$>
<te>
$tring icNo = request.getParameter("icNo");
$tring custName = request.getParameter("name");
int market_price = Integer_parameter(request.getParameter("market"));
$tring cover_type = request.getParameter("type");
                                                                                                                                                                                          to crisiants

crisiant
```

Output:

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

Insurance Quotation

-Insurance Calculation-		
ICNo*	041120-01-0865	
Name*	RyoukiTenkai	
Market Price*	40000	
Coverage Type	Comprehensive ∨	
No claims discount (NCD)	35% ∨	
Submit Cancel		

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 controlstatement.

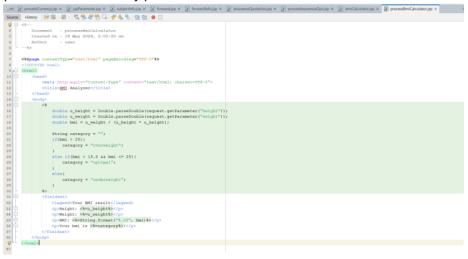
Exercise:

Coding

bmiCalculator.jsp

```
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```

processBmiCalculator.jsp



Output:

BMI Analyzer	
Enter your height in(m): 1.7	
Enter your weight in(kg): 110	
Submit Cancel	

Height: 1.7
Weight: 110.0
BMI: 38.06
Your bmi is overweight!