

 <div>Universiti Malaysia PAHANG</div> <div>Engineering • Technology • Creativity</div>	FACULTY OF COMPUTING		MARKS:  <
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SEM II 2019/2020

STUDENT ID: \_\_\_\_\_

SEC: \_\_\_\_\_

**Below are the course outcomes which will be assessed in this assessment.**

Course Outcome	Weight
<b>CO1:</b> Design appropriate solution using fundamental web engineering concept.	5%
<b>CO2:</b> Construct a web-based application prototype using HTML, web server, database and scripting language based on web engineering methodology.	10%
<b>CO3:</b> Demonstrate communication effectively in written and oral form through group discussion, meeting and presentation session.	Not assessed.

### General Instructions:

- This is an individual task.
- Submission method:
  - Softcopy: please upload to KALAM on **3 June 2020 before 4:30 PM** by clicking the **SUBMIT button**.

*Item for submission after completed:*

  - Cover page (please refer to APPENDIX A)
  - Scripting (.html, .css file)
  - The output (before and after Submit button is clicked)
- For late submission, a penalty will be charged as maximum as 2% from total marks.**
- Any plagiarism attempts will be given 0 marks.**

### Question:

Create a HTML file that consists of the following elements (*table, header, footer, button*) as shown in **Figure 1**. Banner and footer images can be download in folder “*Hands on Test 1 Material*” in KALAM.



The banner features a vibrant orange background with a carnival theme. It includes illustrations of a Ferris wheel, a hot air balloon, a roller coaster, and a striped tent. The central text reads 'Shopee 3.3 SHOPPING CARNIVAL' with the dates '19 FEB - 3 MAR' below it.

PRODUCT	UNIT PRICE(RM)	QUANTITY	DISC.(%)	SUBTOTAL(RM)
Original Pineng Powerbank	23.00			
Smart Watch Bluetooth	223.50			
Logitech Wireless Mouse	25.50			
Wireless Green Laser Pointer	62.99			
1TB External Hard Disk USB 3.0	84.90			

Shipping Option ☐ Poslaju ☐ GDEx

ITEM QUANTITY:

PRICE (RM):

SHIPPING PRICE(RM):

TOTAL PRICE(RM):

**Figure 1** Screenshot before “Submit Order” button is clicked

The form will calculate the customer purchase for the listed item. User will only insert in ‘QUANTITY’ columns, choose ‘Shipping Option’ and click ‘Submit Order’ button. Once the button is clicked, the output calculation for ‘DISC.(%)’, ‘SUBTOTAL (RM)’, ‘ITEM QUANTITY’, ‘PRICE (RM)’, ‘SHIPPING PRICE (RM)’ and ‘TOTAL PRICE (RM)’ will be generated. ‘PRICE (RM)’ is represented the total value for SUBTOTAL (RM)’.

The discount given is based on the ‘UNIT PRICE’ as listed in **Table 1**:

Table 1. Unit Price	
Unit Price (RM)	Discount (%)
More than RM100	50
RM75 – RM100	25
RM50 – RM74	10
RM25 – RM49	5
Less than RM25	0

There are two shipping option provided which are Poslaju and GDex. The shipping price given is based on the ‘SHIPPING OPTION’ as listed in **Table 2**:

**Table 2.** Shipping Price

Shipping Option	Price (RM)	Shipping Price (RM)
<i>Poslaju</i>	More than RM100	20.80
	RM50 – RM100	12.80
	RM20 – RM49	11.80
	Less than 20	7.20
<i>GDex</i>	More than RM100	24.50
	RM50 – RM100	15.50
	RM20 – RM49	13.00
	Less than 20	11.50

**Figure 2** illustrates the example of calculated page.



PRODUCT	UNIT PRICE(RM)	QUANTITY	DISC.(%)	SUBTOTAL(RM)
Original Pineng Powerbank	23.00	1	0	23.00
Smart Watch Bluetooth	223.50	2	50	223.50
Logitech Wireless Mouse	25.50	1	5	24.22
Wireless Green Laser Pointer	62.99	2	10	113.38
1TB External Hard Disk USB 3.0	84.90	1	25	63.68

**Shipping Option**  
☒ Poslaju    ☐ GDEx

**ITEM QUANTITY:**   
**PRICE (RM):**   
**SHIPPING PRICE(RM):**   
**TOTAL PRICE(RM):**

**Figure 2** Screenshot after “Submit Order” button is clicked

## END OF QUESTIONS

### APPENDIX A

Course code and name:

Student ID:

Name:

Section:

Lecturer name:

Output status (please tick Yes or No):

100% display correct output: ☐ YES ☐ NO

Answer this section if your answer in the above is **NO**

- |                         |                              |                             |   |
|-------------------------|------------------------------|-----------------------------|---|
| a. DISC. (%):           | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> SOME COLUMN ONLY |
| b. SUBTOTAL (RM):       | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> SOME COLUMN ONLY |
| c. ITEM QUANTITY:       | <input type="checkbox"/> YES | <input type="checkbox"/> NO |   |
| d. PRICE (RM):          | <input type="checkbox"/> YES | <input type="checkbox"/> NO |   |
| e. SHIPPING PRICE (RM): | <input type="checkbox"/> YES | <input type="checkbox"/> NO |   |
| f. TOTAL PRICE (RM):    | <input type="checkbox"/> YES | <input type="checkbox"/> NO |   |
| g. Banner and footer    | <input type="checkbox"/> YES | <input type="checkbox"/> NO |   |

Print-screen here your output (before and after Submit button is clicked):