	NAME		
	REGISTRATION NUMBER		MARKS
	CLASS		/100
	SESSION	I 2023/2024	
	COURSE CODE	DFP50193 – WEB PROGRAMMING	
	LABORATORY TASK	1	
	LECTURER		

**CLO 1** : Construct the PHP program structure, file and directory handling, database connectivity appropriately in developing dynamic web page that connected to MySQL database.

**Topic** : 2.3 Manipulate the PHP programming concepts (P4,PLO3)

**Duration** : 2 Hours

**INSTRUCTION:** Answer all the questions. This task in an individual based.


Content and sequence of the **REPORT**:

1. Cover page
2. Question
3. Rubric
4. Source Code
5. Output – Screen Shot

#### Report Format

1. Font – Arial, Size – 11
2. Font for **source code** – Courier New, Size-11 (Screen shot is not acceptable)
3. Page Number – Bottom, Middle of the page

Create a homepage that displays your name, matric number, favourite subjects, and links to the answers for question 1 and question 2 using HTML and CSS as **Figure 1**. You may use the background image provided.

	NAME		
	REGISTRATION NUMBER		MARKS
	CLASS		/100
	SESSION	I 2023/2024	
	COURSE CODE	DFP50193 – WEB PROGRAMMING	
	LABORATORY TASK	1	
	LECTURER		

## MY PERSONAL DETAILS

**Name:** Muhammad Adam Haikal bin Ahmad

**Matric Number:** 25DDT21F2023

**Favourite Subjects:**

- Web Programming
- Python Programming
- Object Oriented Programming
- Programming Fundamentals

- [Answer for Question 1](#)
- [Answer for Question 2](#)

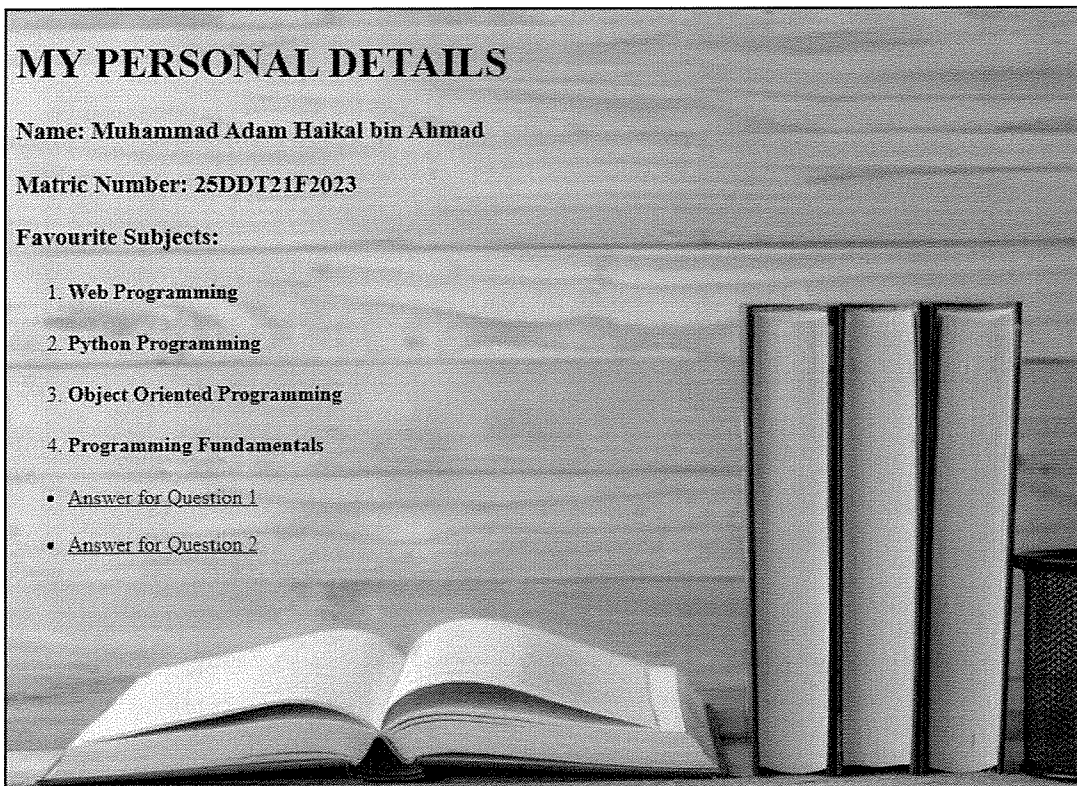

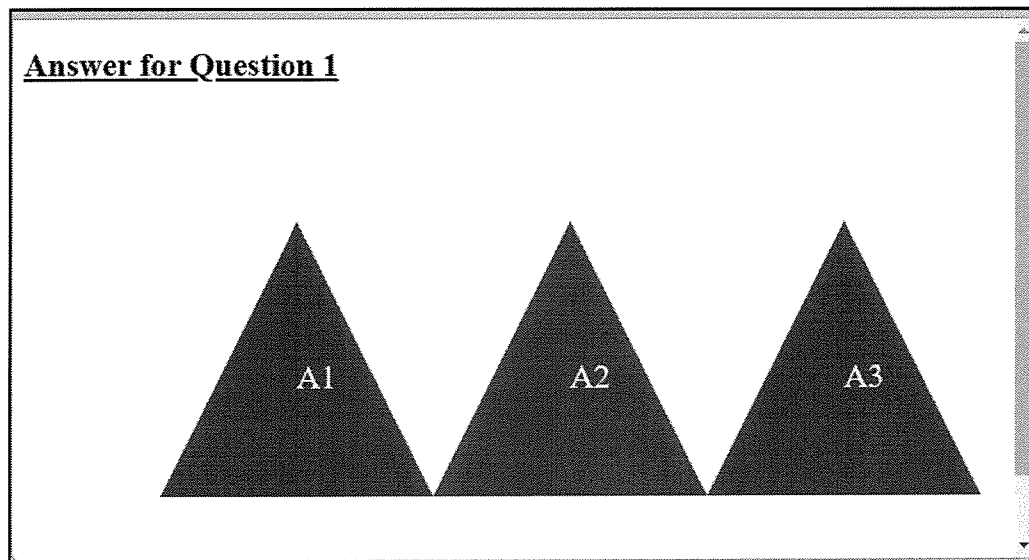


Figure 1: Homepage


	NAME		
	REGISTRATION NUMBER		MARKS
	CLASS		/100
	SESSION	I 2023/2024	
	COURSE CODE	DFP50193 – WEB PROGRAMMING	
	LABORATORY TASK	1	
	LECTURER		

### Question 1

Create a program that generates a triangle shape on a web page using PHP. Each triangle should contain the text either A1, A2 or A3 as shown in **Figure 2**. You may use for loop statement to generate the triangle shape.



**Figure 2: Triangle**

	NAME		/100
	REGISTRATION NUMBER		
	CLASS		
	SESSION	I 2023/2024	
	COURSE CODE	DFP50193 – WEB PROGRAMMING	
	LABORATORY TASK	1	
	LECTURER		

## Question 2

Create a simple PHP program that declare and initialize a number variable as input, and display it on the web as shown in **Figure 3(a)**, and generates a summation table for that number, as shown in **Figure 3(b)** using for loop statement. The program should also display a personalized message based on the input number as shown in **Figure 3(c)** using if else statement. Test the program by running it with different values to ensure that it produces the correct output. Debug any errors that you encounter during testing. Document the program by adding comments to the code to explain the purpose of each statement.

### Answer for Question 2

## The sum of 2 numbers

### Summation table for

10:

← Figure 3(a)

← Figure 3(b)

← Figure 3(c)

10 + 10 = 20  
11 + 11 = 22  
12 + 12 = 24  
13 + 13 = 26  
14 + 14 = 28  
15 + 15 = 30  
16 + 16 = 32  
17 + 17 = 34  
18 + 18 = 36  
19 + 19 = 38

10 is an even number.

Figure 3: Expected Output

### RUBRIC LABORATORY TASK 1

CRITERIA	4 Excellent	3 Good	2 Satisfactory	1 Weak	Weightage	Score	Mark
<b>Functionality</b> -initialize and use of variables -display value -loop statement -selection statement	The program meets all of the specified requirements and functions correctly without errors or bugs.	The program meets most of the specified requirements and functions correctly with only minor errors or bugs.	The program meets some of the specified requirements and functions with several errors or bugs.	The program does not meet any of the specified requirements and does not function correctly.	40	____/4 X 40	
<b>Code Quality</b>	The code is well-organized, easy to read and understand, and follows best practices and standards for PHP programming.	The code is organized and mostly easy to read and understand, but may have some minor issues with formatting, naming conventions, or structure.	The code is poorly organized and difficult to read and understand, and may have significant issues with formatting, naming conventions, or structure.	The code is unorganized and unreadable, and does not follow any best practices or standards.	20	____/4 X 20	
<b>Documentation of program</b>	The program is well-documented with clear, detailed comments that explain the code, and correct indentation.	The program is adequately documented with comments that explain most of the code, but may be missing some key details or instructions.	The program is poorly documented with comments that are unclear, incomplete, or missing key details and instructions.	The program is not documented with any comments or instructions.	20	____/4 X 20	

CRITERIA	4 Excellent	3 Good	2 Satisfactory	1 Weak	Weightage	Score	Mark
<b>Program Execution</b>	Able to execute the program with expected output.	Able to execute the programs with unexpected output.	Able to execute the program with minor errors.	Program is not working.	10	$\frac{\quad}{\times 10} / 4$	
<b>Timeliness / Completeness</b>	Assignment is submitted on time and includes all required components.	Assignment is submitted on time, but may be missing some required components.	Assignment is submitted late, but includes all required components.	Assignment is submitted late and is missing some required components.	10	$\frac{\quad}{\times 10} / 4$	
<b>TOTAL</b>					<b>100</b>		

\*Zero (0) mark will be given if students do not answer / perform the criteria needed.

  
 ZURAIDAH BINTI MOHD RAMLY  
 Ketua Program (PPPT DH44)  
 Diploma Teknologi Maklumat (Teknologi Digital)  
 Trek Pembangunan Perisian dan Aplikasi  
 Jabatan Teknologi Maklumat & Komunikasi  
 Politeknik Mersing