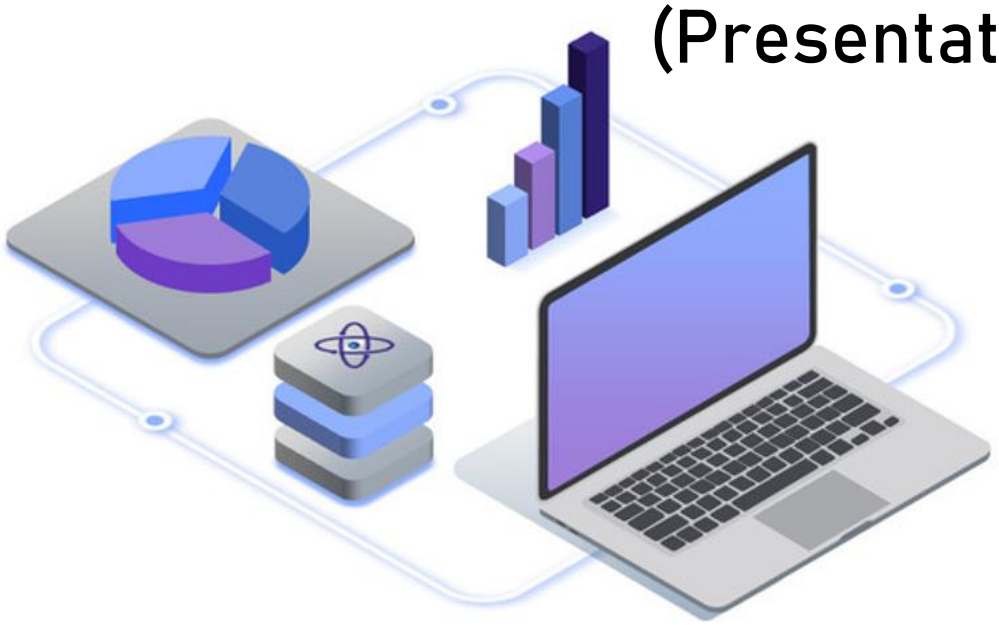
Problem Based Task

Problem Based Task 01

Problem Based Task 01 (Presentation)



Problem Based Task 02

Problem Based Task 02 (Presentation)

Problem Based Task 01

INSTRUCTIONS:

1. To answer the question, students are provided with a zipped folder containing incomplete program files.
2. Students are required to place the zipped folder into the computer's localhost directory.
3. Students are required to unzip the folder using the EXTRACT HERE method in the computer's localhost directory.
4. The folder contains two program files namely FILE_01.html and FILE_02.php
5. Students should answer the question by writing the PHP program code on the FILE_02.php file.
6. Submit files in softcopy (.html, .php and .pdf)
7. Copy your code then paste to file Microsoft Word then save file type as PDF.
8. To submit the answers, students should rename the folder as according to the following format:

   Example: DFP50193_PBT1_12DDT19FXXXX

Problem Based Task 01

QUESTION:

Based on the display in Figure 1, when the file FILE_01.html is executed, write PHP program code in file FILE_02.php to:

i. Passing the value in each object form such as text field and checkboxes from file FILE_01.html to file FILE_02.php by using correct method.

ii. Extract polytechnic code, program code and year of admission to the polytechnic.

iii. Convert name, matrix number, polytechnic code and program code to capital letters.

iv. Calculate to sum all marks for all assessment items

v. Calculate the marks for all assessment items using the following formula:

sum / 165 * 100

vi. Round the marks to the nearest whole number.

vii. Determine the grade for the marks based on the marks range in Table 1.

viii. Execute FILE_02.php and display output in a browser as shown in Figure 2.

Problem Based Task 01

Table 1

Range Marks	Grade
0 - 39	C
40 - 79	B
80 - 100	A

Problem Based Task 01

Student Information

Name:	nur alia asyikin bt padeli
Matrix Number:	12ddt20f1026
IC Number:	020302110474

Tick the study session that has been completed:

- [x] DECEMBER 2020
- [x] SESSION I 2021 2022
- [x] SESSION II 2021 2022
- [x] SESSION I 2022 2023
- [x] SESSION II 2022 2023

Course Information

Course Code:	DFP50193
Course Name:	Web Programming

Course Grade Calculation

Laboratory Task 1:	15	/20%
Laboratory Task 2:	13	/20%
Laboratory Task 3:	12	/20%
Laboratory Task 4:	15	/20%
Case Study:	10	/15%
PBT Presentation 1:	7	/10%
PBT Presentation 2:	6	/10%
Problem Based Task (PBT) 1:	18	/25%
Problem Based Task (PBT) 2:	17	/25%

Calculate

Figure 1

Problem Based Task 01

Student Information

Name:	NUR ALIA ASYIKIN BT PADELI
Matrix Number:	12DDT20F1026
IC Number:	020302110474
Polytechnic Code:	12
Program Code:	DDT
Year of Admission to the Polytechnic:	20
Session that has been completed:	DECEMBER 2020 SESSION I 2021 2022 SESSION II 2021 2022 SESSION I 2022 2023 SESSION II 2021 2023

Course Information

Course Code:	DFP50193
Course Name:	Web Programming

Course Grade Calculation

Laboratory Task 1:	15/20%
Laboratory Task 2:	13/20%
Laboratory Task 3:	12/20%
Laboratory Task 4:	15/20%
Case Study:	10/15%
PBT Presentation 1:	7/10%
PBT Presentation 2:	6/10%
Problem Based Task (PBT) 1:	18/25%
Problem Based Task (PBT) 2:	17/25%
Total Marks:	113/165 * 100
Marks:	68/100
Gred:	B

Figure 2

Problem Based Task 01

The project will be evaluated based on these criteria:

i. Neatness of writing program code contains comments, indentation and well organized

ii. Passing data from html file to php file

iii. Passing an array object namely object of checkboxes

iv. Manipulating data using string functions in PHP

v. Use conditional statements in PHP

vi. Use different types of operator in calculation process

vii. Display an output correctly as shown in Figure 2.

Problem Based Task 02

INSTRUCTION:

This section consists of TWO (2) practical questions. Answer ALL questions.

1. Students need to use HTML code and PHP code.
2. Submit files in softcopy (.html, .php and .pdf)
3. Copy your code then paste to file Microsoft Word then save file type as PDF, then rename PDF file according to question number.
4. To submit the answers, students should rename the folder as according to the following format:

   Example: DFP50193_PBT2_12DDT19FXXXX

Problem Based Task 02

QUESTION 1:

Build an application that allows user to **login**. The authorized user is able to enjoy online shopping experience at **Kedai RM5**. **Construct online shopping form** that enable user to calculate total price to be paid by user. User has to input the user details, quantity of selected item, select item sold by **Kedai RM5** and preview **receipt** that will be paid by user. Price per item sold by Kedai RM5 is RM5. Apply control structure, session, array and function in your program.

Problem Based Task 02

QUESTION 2:

Build a program to calculate speed for a particular driver based on given instruction.

1. Construct function to calculate speed based on formula in Figure 1. You may add appropriate input in your form to help you perform the calculation.

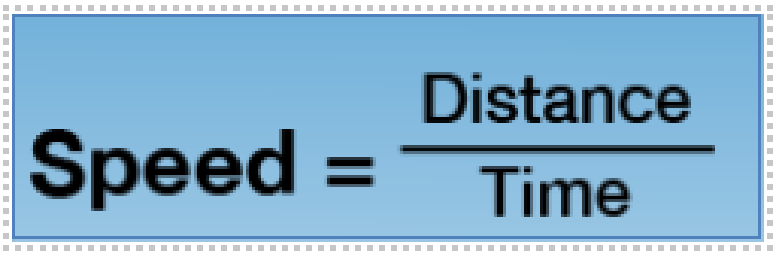


Figure 1

2. Construct decision making statements to classify and display the driver mode as shown in Table 1.

Table 1

Speed	Driver Mode
<= 60 km / h	Slow
61 – 90 km / h	Moderate
> 91 km / h	Fast