

NDJ10703 – OBJECT ORIENTED PROGRAMMING.

SEMESTER 1 2021/2022

Lab Report 1: Introduction to C++ Programming. (Statement, Repetition, Selection)

1. Write a C++ program to produce output as below:

Name	Age	Mobile number
Muhammad	19	01198765432
Ali	21	01176543219

2. Write a C++ program to show output as below:

Please enter your name: MUHAMMAD
Please enter your age: 20
Please enter your mobile number: 01198765432

Here is your detail:
Name: Muhammad
Age: 19
Mobile Number: 01198765432

3. Initialize 2 integers and 2 floating number and get the input from user. Then multiply all numbers. By using C++ language, write a program accomplish the following output:

Program to multiply 4 number.
Please enter first integer: 5
Please enter second integer: 3
Please enter first floating number: 2.5
Please enter second floating number: 1.5
The product of the number is: 56.25

4. Write a simple program using C++ language to get input from user.

Output example;
Enter numbers of resistor: 3
Resistor 1 (ohm): 10
Resistor 2 (ohm): 10
Resistor 3 (ohm): 10
Sum of resistor value is 30 ohm.

5. Write a C++ program to calculate sum and average of electricity bills charge. Then the average of the bill charge determines the status usage consumption of the electricity. User is required to provide numbers of month to calculate and followed by the electricity charge of the months. In summary, Table 1 shows the relation of average bill charge and usage consumption status. (No need to define any class).

Table 1

Average Bill Charge (RM)	Usage Consumption
0.00 – 39.99	LOW
40.00 – 109.99	MEDIUM
110.00 ABOVE	HIGH

Output example;

T&B care-system

Please enter the bill account number: 12345

Please enter number of months: 3

Please enter amount for month 1(RM): 32.30

Please enter amount for month 2(RM): 27.70

Please enter amount for month 3(RM): 40.0

Account number: 12345.

Sum bill for 3 month: RM 100.00.

The average of bills charge: Rm33.33

Your electricity usage is LOW.