GE211
C++ Programming

Lab #1

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Objectives

- Learn about software life cycle.
- Illustration of the problem solving and programming a simple C++ program.
- Learn about variables and assignments.

Exercise 1

Type the following program and be careful C++ is case sensitive.

```cpp
#include <iostream>
using namespace std;

int main()
{
    cout << "Welcome to C++ Programming" << endl;

    return 0;
}
```

Exercise 2

- Write a program that converts Celsius degree (TC) to Fahrenheit degree (TF). Recall that TF = (9/5) TC + 32.

- Choose the suitable variables type.

- The program asks the user to enter the Celsius degree (TC).

```cpp
#include <iostream>
using namespace std;

int main()
{
    ......
    return 0;
}
```

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Q1: Write a C++ program to produce an output that looks like the following.

```
My name is YourFirstName YourLastName
             Hello
       Hello      Hello
   Hello      Hello      Hello
       Hello      Hello
             Hello


Bye
```

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Q2: What is the answer to the following arithmetic operations? Check your answer by writing simple code.

1)   (1 / 5) * 3

2)   (8 / 2) * 4

3)   (1.0 / 5.0) * 3