Programming Fundamentals

LAB 01

Question 01: Write a C++ program that displays the message "Hello, World!" to the console. Ensure the program includes a main() function and necessary headers?

```cpp
// Solution 01
#include <iostream>
using namespace std;
int main()
{
    cout << "Hello World";
}
```

Question 02: Write a C++ program that displays the following message on separate lines:
"Welcome to C++ programming!"
"Let's start coding!"?

```cpp
// Solution 02
#include <iostream>
using namespace std;
int main()
{
    cout << "Welcome to C++ Programming!" << endl;
    cout << "Let's Start Coding!";
}
```

Question 03: Write a C++ program that declares a string variable with your name and an integer variable with your age?

<u>Format Example</u>
"My name is [Name] and I am [Age] years old."
Replace [Name] and [Age] with your actual name and age using the variables.

```cpp
// Solution 03
#include <iostream>
using namespace std;
int main()
{
    // Define Age & Name
    int age = 20;
    string name = "Ali";
    cout << "My name is " << name << endl;
    cout << "I am " << age << " Years Old.";
}
```