The purpose of this exercise is to familiarize you with the procedures of running a C++ program in the ICL. The complete source program is shown below. The exact procedures for running the program are given in a separate handout.

The numbers down the left-hand side are reference numbers and not part of the C++ source code. You supply your own file name, name, and section number in lines 1, 2, and 3.

C++ is case-sensitive, that is, the case of a letter does matter. In general, lowercase is used more than uppercase.

```cpp
#include <iostream> // for cin, cout

using namespace std;

int main()
{
    int first_num, second_num; // Declare the variables
    int sum, difference, product, quotient;

    // Enter two numbers from keyboard
    cout << "Enter the first number:\n";
    cin >> first_num;
    cout << "Enter the second number:\n";
    cin >> second_num;

    // Perform arithmetic processing
    sum = first_num + second_num;
    difference = first_num - second_num;
    product = first_num * second_num;
    quotient = first_num / second_num;

    // Print results
    cout << "Data values are:\n";
    cout << first_num << " and " << second_num << "\n";
    cout << "Computed values are:";
    cout << "\nSum.......... " << sum;
    cout << "\nDifference.... " << difference;
    cout << "\nProduct....... " << product;
    cout << "\nQuotient...... " << quotient;
    cout << "\nEnd of Arithmetic Program\n";
    return 0;
}
```
The output screen produced by the program is shown below.

Note that the numbers to the left in italics refer to the program statements that generated the lines on the screen.

When you run the program, use 15 and 5 as your two data values.

Sample Run:
19 Enter the first number:
20 15<Enter>
21 Enter the second number:
22 5<Enter>
31 Data values are:
32 15 and 5
32
33 Computed values are:
34 Sum.......... 20
35 Difference.... 10
36 Product....... 75
37 Quotient...... 3
38
38 End of Arithmetic Program

prompt: brief message displayed on the monitor telling the user to enter some data