Part 2 - Write a single C++ statement to accomplish each of the following:

a) Define the variables thisVariable, q76354 and number to be of type int.

b) Prompt the user to enter an integer, read the integer number from the keyboard and store it in variable **"number"**.

c) Print the message "This is a C++ program." with each word on a separate line.

```cpp
#include <iostream>

using std::cout;
using std::cin;

int main()
{
    int thisVariable, q76354, number; // Declaration of variables; Part (a) solution
    cout << "Enter an integer: "; // Prompts user to enter integer
    cin >> number; // Input; Part (b) solution
    cout << "This\nis\na\nC++\nprogram."; // Part (c) solution
}
```

```
Enter an integer: 5
This
is
a
C++
program.
```

Part 3 - Write a program to

(a) prompt the user to enter three integers.

(b) read the integers from the keyboard and store them in the variables x, y and z.

(c) calculate the product of three integers and print the result.

```cpp
#include <iostream>

using std::cout;
using std::cin;

int main()
{
    int x, y, z; // Declaration of variables
    cout << "Enter the first integer: "; // Prompt for input of variable x
    cin >> x;
    cout << "Enter the second integer: "; // Prompt for input of variable y
    cin >> y;
    cout << "Enter the third integer: "; // Prompt for input of variable z
    cin >> z;
    cout << "The product of the three integers is " << x * y * z; // Output of product
}
```

```
Enter the first integer: 3
Enter the second integer: 4
Enter the third integer: 5
The product of the three integers is 60
```