The following source code provides one solution for the programming Exercise 2.

```cpp
#include <iostream> // Input/Output Stream Routines
using namespace std; // Specifies default namespace for objects
#define FACTOR 2.54 // inches/centimeter conversion factor

int main()
{
    float HM;      // Height in meters
    int INCHES,  // Total height in inches, later inches portion of height
                FEET;    // Whole feet portion of height

    /* Intro. & Instructions */
    cout << "Height Converting Program\n";
    cout << "Designed by Randolph Gibson - 1 September 2011\n";
    cout << "Coded by Joe Student - 8 September 2011\n\n"
        cout << "This program will convert a person\'s height from meters\n";
    cout << "into feet and inches (rounded to the nearest inch) and\n";
    cout << "display the result on the screen. The height must be\n";
    cout << "entered in metric units and may contain decimal portions.\n";
    cout << "The answer will be displayed in whole feet and inches.\n\n"
        /* Data Input Section */
    cout << "Enter the person\'s height in meters: ";
    cin >> HM;

    /* Calculation Section */
    // Convert meters to total inches and round
    INCHES = static_cast<int>(HM*100/FACTOR+0.5);
    FEET = INCHES / 12; // Determine number of feet (only) in INCHES
    INCHES %= 12;        // Determine inches remaining (only)

    /* Output Section */
    cout << "\nThat height is equivalent to " << FEET << " feet and ";
    cout << INCHES << " inch(es).\n";

    system ("pause");  // Debugging support statement to be removed
    return 0; // Send a null error code to the parent process
}
```