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

// Michael Steele

void normalizeMoney(float& dollars, int cents = 150);
// This function takes cents as an integer and converts it to dollars
// and cents. The default value for cents is 150 which is converted
// to 1.50 and stored in dollars

int main()
{
        int cents;
        float dollars;

        cout << setprecision(2) << fixed << showpoint;

        cents = 95;
        cout << "\n We will now add 95 cents to our dollar total\n";

        //        Fill in the code to call normalizeMoney to add 95 cents
        normalizeMoney(dollars, cents);

        cout << "Converting cents to dollars resulted in " << dollars << " dollars\n";

        cout << "\n We will now add 193 cents to our dollar total\n";

        // Fill in the code to call normalizeMoney to add 193 cents
        normalizeMoney(dollars, 193);

        cout << "Converting cents to dollars resulted in " << dollars << " dollars\n";

        cout << "\n We will now add the default value to our dollar total\n";

        // Fill in the code to call normalizeMoney to add the default value of cents
        normalizeMoney(dollars);

        cout << "Converting cents to dollars resulted in " << dollars << " dollars\n";

        return 0;
}
```

```cpp
//******************************************************************************
//        normalizeMoney
//
//        task:      This function is given a value in cents. It will convert cents
//                   to dollars and cents which is stored in a local variable called
//                   total which is sent back to the calling function through the
//                   parameter dollars. It will keep a running total of all the money
//                   processed in a local static variable called sum.
//
//        data in:  cents which is an integer
//        data out: dollars (which alters the corresponding actual parameter)
//
//******************************************************************************

void normalizeMoney(float& dollars, int cents)
{
        float total = 0;

        // Fill in the definition of sum as a static local variable
        static float sum = 0.0;

        // Fill in the code to convert cents to dollars
        dollars = cents/100.00;
        total = total + dollars;
        sum += dollars;

        total = total + dollars;
        sum = sum + dollars;

        cout << "We have added another $" << dollars << " to our total" << endl;
        cout << "Our total so far is     $" << sum << endl;

        cout << "The value of our local variable total is $" << total << endl;
}
```