```cpp
// Chamath Wijesekera and Tarj Tandel
// Assignment 2 Question 2

#include <cstdlib>
#include <iostream>

using namespace std;

int main()
{
    cout << "Enter an integer: ";
    int number = 0;
    cin >> number;

    int hundreds = abs(number) % 1000;
    int thousands = abs(number) / 1000;

    if (number < 0)
    {
        cout << '-';
    }

    if (thousands > 0)
    {
        cout << thousands << ',';

        if (hundreds < 10)
        {
            cout << "00";
        }
        else if (hundreds < 100)
        {
            cout << "0";
        }
    }

    cout << hundreds << endl;

    system("PAUSE");
    return EXIT_SUCCESS;
}

/*
Enter an integer: 1
1
Press any key to continue . . .
*/

/*
Enter an integer: 1001
1,001
Press any key to continue . . .
*/

/*
Enter an integer: 100001
100,001
Press any key to continue . . .
*/

/*
Enter an integer: 123456
123,456
Press any key to continue . . .
*/
```

```
/*
Enter an integer: -123456
-123,456
Press any key to continue . . .
*/
```