```cpp
//
//  Program Using the stack Template Class
//  main.cpp
//  AbsoluteCpp_ch19_10
//

//Program to demonstrate use of the stack template class from the STL.
#include <iostream>
#include <stack>
using std::cin;
using std::cout;
using std::endl;
using std::stack;

int main() {

    stack<char> s;
    cout << "Enter a line of text:\n";
    char next;
    cin.get(next);

    while (next != '\n')
    {
        s.push(next);
        cin.get(next);
    }

    cout << "Written backward that is:\n";
    while ( ! s.empty( ) )
    {
        cout << s.top( );
        s.pop( );
    }
    cout << endl;

    return 0;
}
```