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//
// Same Thing Using Exception Handling
// main.cpp
// AbsoluteCpp_ch18_2
//

#include <iostream>
using std::cin;
using std::cout;

int main() {

    int donuts, milk;
    double dpg;

    try {
        cout << "Enter number of donuts:\n";
        cin >> donuts;
        cout << "Enter number of glasses of milk:\n";
        cin >> milk;

        if (milk <= 0)
            throw donuts;

        dpg = donuts / static_cast<double>(milk); cout << donuts << "
            donuts.\n"
        << milk << " glasses of milk.\n"
        << "You have " << dpg
        << " donuts for each glass of milk.\n";
    }
    catch(int e)
    {
        cout << e << " donuts, and No Milk!\n" << "Go buy some milk.\n";
    }

    cout << "End of program.\n";

    return 0;
}

```