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/* Program: MyMachine.cpp
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Synopsis: C++ values on my platform
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#include <iostream>
#include <cstdlib>
#include <climits>
using namespace std;

int main () {
    int randint;
    int five = 5;
    cout << "\n";

    //1. the minimum and maximum value you can put in an int
    cout << "On my machine, an int can hold values in the range of\n"
    << INT_MIN << " to " << INT_MAX << " inclusive.\n\n";
    //2. what happens when you add 1 to an int that already holds the maximum
    value
    cout << "On my machine, when you add 1 to an int that already holds the
    maximum value, you get \"" << INT_MAX + 1 << "\"\n\n";
    //3. the number of bytes occupied by an int
    cout << "On my machine, an int occupies " << sizeof (int) << " bytes.\n
    \n";
    //4. what value is in an int when you have never put any value into it
    cout << "On my machine, the value of an int when you have not put a
    value into it is \"" << randint << "\"\n\n";
    //5. what happens when you divide an int by zero
    cout << "On my machine, when you divide an int, such as " << five <<
    "by zero, you get: \"Floating point exception\"\n\n";
    //6. the value of the expressions -38 / 5 -38 % 5
    cout << "On my machine, the value of the expression -38 / 5, is " << -
    38 / 5 << ", and the value of -38 % 5, is " << -38 % 5 << "\n\n";

    return EXIT_SUCCESS;
}
```