Lab02A:

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// Programming Assignment: LAB2A

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// Date Written: 07/17/2019

// Purpose: Smallest Number Program

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#include <iostream>

using namespace std;

int main()

{

int num1, num2, smallestNumber; //declare variables

cout << "Welcome to the Smallest Number Guesser! \n";//output of description

cout << "You will be asked to enter two numbers.\n";

cout << "The smallest value will be displayed or a message if they are the same! \n";

cout << "Please, enter your first number: \n";//input from user for first number

cin >> num1;

cout << "Please, enter your second number: \n";//input from user for second number

cin >> num2;

if (num1 == num2)//if both numbers are equal

cout << "The numbers you entered are equal. Nice try!" << endl;

else if (num1 > num2)//if number 1 is bigger than number 2

smallestNumber = num2;//assign number 2 as smallest

else

smallestNumber = num1;//else assign number 1 as smallest

cout << "The smallest number is: " << smallestNumber << endl;//output of smallest number

system("pause");

}





