//Sentinel Controlled Program by TallTurtle65

//Grade Averager

#include <iostream>

#include <string>

using namespace std;

int main() {

double grade;

double total = 0;

int scoenter = 0;

cout << "Enter in your grades(%) and then I will give you your average. enter in -1000 to stop" << endl;

cin >> grade;

while (grade != -1000) {

total = total + grade;

scoenter++;

cout << "Next grade, or -1000 to stop adding grades" << endl;

cin >> grade;

cin.ignore();

}

cout << "Your average grade is " << total / scoenter << endl;

cin.ignore();

}

**One sunny day, TallTurtle65 decides to make a program to calculate his average in school. Study the Program he made, then answer the questions.**

**PART A**

What about this program makes it sentinel controlled?

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**PART B**

What could we change about this program to make it non-sentinel controlled?

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**PART C**

Now that you made the program non-sentinel, what is the program incapable of?

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**EC 1**

What in this program is not necessary for it to run?

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**EC 2**

What does the command “cin.ignore();” do in the program ?

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ANSWERS

* The Program Can take the users scores without a limit to how much scores they could enter in.
* We can change the condition of the while loop to be something else
  + Ex. scoenter != 5
* It is incapable of taking unlimited user inputs, because of the condition.
* #include <string>
* It prevents the program window from closing.