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// Lab 3c

// This program will take several inputs from the user and output these data as a single line.

#include <iostream> // required for taking input and printing output

#include <string> // required to use string literals?

using namespace std; // sets the program to use the std namespace

int main()

{

string todayTuesday, gr8;

char ecks, why;

int year; // these 3 lines declare my variables

cout << "enter 'Today is Tuesday' "; // prompting the user with the exact input expected

getline(cin, todayTuesday); // uses getline to take input of a string with whitespaces and assigns it to the variable todayTuesday

cout << "enter 'X' "; // prompting the user with the exact input expected

cin.get(ecks); // takes input of a character and assigns the value to the variable ecks

cout << "enter '2021' "; // prompting the user with the exact input expected

cin >> year; // takes input of the year value and assigns it to the int variable year

cin.ignore(); // ignores the unread newline character in the buffer

cout << "enter 'Y' "; // prompting the user with the exact input expected

cin.get(why); // takes a character input and stores the value as the char variable why

cin.ignore(); // prevents cin.get from reading the newline character and allows the user to make an input

cout << "enter 'Great!' "; // prompting the user with the exact input expected

getline(cin, gr8); // takes input of a string with whitespaces and assigns it to the variable gr8

cout << todayTuesday << " " << ecks << " " << year << " " << why << " " << gr8 << endl; // the output line, without descriptions, as instructed.

return 0;

}

