// Gavin Garner CS 317

// Planting Grapevines

// This program will calculate the amount of grapevines that a garden row can contain

#include <iostream>

#include <string>

#include <iomanip>

using namespace std;

int main()

{

float row, endpost, space;

cout << "Enter, in feet, the length of the garden rows: ";

cin >> row;

cout << "Enter, in feet, the length of the end post assembly: ";

cin >> endpost;

cout << "Enter, in feet, the space between each vine: ";

cin >> space;

int totalVines = (row - (2 \* endpost)) / space;

cout << setprecision(0) << fixed;

cout << "The number of grape vines that will fit in each row is: " << totalVines << endl;

return 0;

}

