Mod 1 Assignment

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Author Note

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Mod 1 Assignment

//Simple Geometric Calculator Program

#include <iostream>

#include <string>

#include <iomanip>

using namespace std;

int main(){

int sideOne = 3;

int sideTwo = 4;

int area = 0;

area = (sideOne \* sideTwo)/2; //Logic for calcuation the area

cout <<"The sides of the triangle measure "<<sideOne<<" and "<<sideTwo<<"."<<" The area is "<<area<<"."<<endl;

//Setting the double variables to 0

double side1 = 0;

double side2 = 0;

double area2 = 0;

//Setting the doubles to the int variables times 5

side1 = sideOne \* 5;

side2 = sideTwo \* 5;

area2 = (side1 \* side2)/2;

//Setting the precision of the decimals to one place

cout << fixed << setprecision(1);

cout << "The sides of the triangle measure "<< side1 << " and "<< side2 << ". The area is " << area2 << "." << endl;

return 0;

}