Project #1

Program to compute Area of Triangle

#include<iostream>

using namespace std;

int main(void)

{

//declare program variables

double area = 0, base1 = 0, base2=0, height = 0;

// input variables by receiving values

cout << "\n";

cout << "Please enter the base1\n";

cin >> base1;

cout << "Please enter the base2\n";

cin >> base2;

cout << "Please enter the height\n";

cin >> height;

//process outcome with assignment statement

area = .5\*(base1 + base2)\*height;

//display outcome results to user

cout << "\n";

cout << "A trapezoid with a short base of " << base1

<< " and a long base of " << base2

<< " and height " << height;

cout << "\n";

cout << "\nhas an area of " << area

<< " square units. " << endl << endl;

cout << "Press [ENTER] to close window\n";

cin.get();

cin.get();

return 0;

}

Text

Description automatically generated