// Christopher Marble

// CIS 135

// Homework 7

#include <iostream>

#include <iomanip>

using namespace std;

double x;

double y;

// Write a function for two double precision numbers

double mult(double x, double y)

{

double multi;

multi = x \* y;

return multi;

}

// Call the mult function to do basic math.

int main()

{

cout << "Please enter variable 1: ";

cin >> x;

cout << "Please enter variable 2: ";

cin >> y;

cout << fixed << setprecision(2) << mult(x, y) << endl;

system("PAUSE");

return 0;

}

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// Homework 7

#include <iostream>

#include <iomanip>

using namespace std;

double x;

double y;

double z;

float rightTriangle(float a, float b)

{

float c;

c = sqrt(pow(b, 2) + pow(a, 2));

return c;

}

int main()

{

cout << "Please enter the length of side A: ";

cin >> x;

cout << "Please enter the length of side B: ";

cin >> y;

cout << “How many decimal points would you like?” // bonus funsies

cin >> z;

cout << fixed <<setprecision(z)<< rightTriangle(x, y) << endl;

system("PAUSE");

return 0;

}

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#include <iostream>

#include <iomanip>

using namespace std;

int seconds;

void time(int i)

{

int seconds, minutes, hours;

seconds = i;

minutes = seconds / 60;

hours = minutes / 60;

cout << endl << seconds << " seconds is " << minutes << " minute(s) and " << hours << " hour(s)." << endl;

}

int main()

{

cout << "Please enter the amount of seconds you wish to convert: ";

cin >> seconds;

time(seconds);

system("PAUSE");

return 0;

}