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//Jorge Rivas
#include <iostream>
#include <string>
#include <iomanip>
#include <cmath>
using namespace std;
int main()

{
    double a = 0.0, b = 0.0, c = 0.0;
    cout << " Enter value of the sides of a, b , c of a triangle : ";
    cin >> a;
    cin >> b;
    cin >> c;
    double p = (a + b + c) / 2;
    double area = sqrt(p *(p - a) *(p - b) *(p - c));
    cout << "The area of the triangle is : " << area << endl;


    int t;
    const double g = 9.81;
    cout << "Let us find the height of a bridge.\n";
    cout << "Drop a coin and tell me how long it took to hit the water : ";
    cin >> t;
    double distance = (g * pow(t,2))/ 2;
    cout << "OK, the height of the bridge is  " << distance << endl;

    cout << "Enter your score";

    return 0;
}

```