#include <iostream>

#include <math.h>

using namespace std;

class c1

{

public:

c1();

~c1();

void input(int \*,int \*);

float process(int \*,int \*);

void output(float \*);

private:

};

c1::c1()

{

cout<<"\* \* \* START OF PROGRAM \* \* \* \n\n";

}

c1::~c1()

{

cout<<"\n \* \* \* END OF JOB \* \* \*";

}

void c1::input(int \*a, int \*b)

{

cout<<"ENTER FIRST VALUE = ";

cin>>\*a;

cout<< "ENTER SECOND VALUE = ";

cin>> \*b;

}

float c1::process(int \*a, int \*b)

{

cout<< "\nFIND PYTHAGOREAN THEOREM ....... \n";

float z = 0.0;

z = sqrt((\*a \* \*a) + (\*b \* \*b));

return z;

}

void c1::output(float \*c)

{

cout<<"Answer = " << \*c;

}

int main()

{

c1 o1;

int a = 0;

int b = 0;

float c = 0;

o1.input(&a,&b);

c = o1.process(&a, &b);

o1.output(&c);

}