#include <iostream>

#include <cmath>

using namespace std;

int main()

{

int x,y,z;

cout<<"side1"<<" "<<"side2"<<" "<<"hypotenuse"<<endl;

for(x=1;x<=500;x++)

{

for(y=1;y<=500;y++)

{

z=sqrt(x\*x+y\*y);

cout<<""<<x<<" "<<""<<y<<" "<<""<<z<<endl;

}

}

}