```
x,y,z \leq K  x^2 + y^2 = 2^2 \qquad (x,y,z) \rightarrow (tx,ty,tz)
#include <iostream>
#include <cmath>
                                                                                                  x<y
using namespace std;
int mcm(int a, int b){
  while(b!=0){
                                                                    mcmlx, mcm(y, raiz) ==1
    int temp = b;
    b = a\%b;
    a = temp;
                                                            mcm(6, mcm(8,10) -
  return a;
int main(){
  int k;
  cout<<"Ingrese la cota superior: ";</pre>
  cin>>k;
  cout<<"Valores que funcionan"<<endl;</pre>
  for(int x=1; x < k; x++){
    for(int y=x+1; y< k; y++){
       int suma cuadrados = x*x + y*y;
       int raiz = sqrt(suma cuadrados);
       if(raiz*raiz == suma cuadrados && raiz<k && mcm(x,mcm(y,raiz)) == 1){
         cout << "El valor de x: " << x << endl;
         cout<<"El valor de y: "<<y<<end<del>|;</del>
         cout<<"El valor de z: "<<raiz<<endl;</pre>
         cout<<"-----"<<endl:
  return 0;
```