

```
#include<bits/stdc++.h>
using namespace std;
```

```
bool pytha(int a, int b ,int c)
```

```
{int y,z;
    int x=max(a,max(b,c));
    if(x==a)
    {
        y=b;z=c;
    }
    else if(x==b)
    {
        y=a;
        z=c;
    }
    else
    {
        y=a;
        z=b;
    }
    if(x*x==(y*y)+(z*z))
    {
        return true;
    }
    else
        return false;
}
```

```
int main()
```

```
{
    int a,b,c;
    cin >> a >> b >> c;
    if(pytha(a,b,c))
        cout << "PYTHAGORIAN TRIPLET";
    else
        cout << "NOT PYTHAGORIAN TRIPLET";
    return 0;
}
```