#include <iostream>

using namespace std;

/\* run this program using the console pauser or add your own getch, system("pause") or input loop \*/

class Triangulo{

public:

int a, b, c;

void entrada(){

cout<<"Digite: ";

cin>>a>>b>>c;

}

void verificar(){

if (c > a + b && a > b + c && b > a + c ){

cout<<"Não forma um triângulo\n";

}else{

cout<<"Forma triângulo\n";

}

}

void tipoT(){

if( (a==b) && (b==c) ){

cout<<"Equilátero\n";

}else if( (a!=b) && (a!=c) && (b!=c)){

cout<<"Escaleno\n";

}

else{

cout<<"Isósceles\n";

}

}

};

int main(int argc, char\*\* argv) {

Triangulo r1;

r1.entrada();

r1.verificar();

r1.tipoT();

return 0;

}