#include <iostream>

**using** **namespace** std;

**int** main() {

**int** n1, n2, n3, p1, p2, p3;

cout<<"Introduce 3 numeros\n";

cin >> n1;

cin >> n2;

cin >> n3;

**if** (n1 != n2 && n2 != n3 && n3 != n1 ){;

**if**(n1>n2 && n1>n3){;

p1=n1; }

**if**((n1<n2 && n1>n3) || (n1<n3 && n1>n2)){;

p2=n1; }

**if**(n1<n2 && n1<n3){;

p3=n1; }

**if**(n2>n1 && n2>n3){;

p1=n2; }

**if**((n2<n1 && n2>n3) || (n2<n3 && n2>n1)){;

p2=n2; }

**if**(n2<n1 && n2<n3){;

p3=n2; }

**if**(n3>n2 && n3>n1){;

p1=n3; }

**if**((n3<n2 && n3>n1) || (n3<n1 && n3>n2)){;

p2=n3; }

**if**(n3<n2 && n3<n1){;

p3=n3; }

cout<< "Los numeros en orden de mayor a menor son:\n";

cout<< p1 <<endl;

cout<< p2 <<endl;

cout<< p3 <<endl; //}

}

// Si dos numeros son iguales

**if** (((n1 == n2) && (n2 > n3 && n1 > n3))){;

cout<< "Los numero en orden de mayor a menor son:\n";

cout<< n1 << " " << n2 << "\n";

cout<< n3 <<endl; }

**if** (((n1 == n2) && (n2 < n3 && n1 < n3))){; // lo mismo pero si los numeros son menores

cout<< "Los numero en orden de mayor a menor son:\n";

cout<< n3 <<endl;

cout<< n1 << " " << n2 << "\n"; }

**if** (((n2 == n3) && (n2 > n1 && n3 > n1))){;

cout<< "Los numero en orden de mayor a menor son:\n";

cout<< n2 << " " << n3 << "\n";

cout<< n1 <<endl; }

**if** (((n2 == n3) && (n2 < n1 && n3 < n1))){; // lo mismo pero si los numeros son menores

cout<< "Los numero en orden de mayor a menor son:\n";

cout<< n1 <<endl;

cout<< n2 << " " << n3 << "\n"; }

**if** (((n1 == n3) && (n1 > n2 && n3 > n2))){;

cout<< "Los numero en orden de mayor a menor son:\n";

cout<< n1 << " " << n3 << "\n";

cout<< n2 <<endl; }

**if** (((n1 == n3) && (n1 < n2 && n3 < n2))){; // lo mismo pero si los numeros son menores

cout<< "Los numero en orden de mayor a menor son:\n";

cout<< n2 <<endl;

cout<< n1 << " " << n3 << "\n"; }

**if** ((n1 == n2 && n2==n3)) {;

cout << "Todos los numeros son iguales\n";

cout<< n1 << " " << n3 << " " << n2 <<"\n"; }

}