#include<iostream>

using namespace std;

int main(){

int num1,num2,num3;

cout<<"Enter the First Number:"<<endl;

cin>>num1;

cout <<"Enter the Second Number:"<<endl;

cin>>num2;

cout <<"Enter the third Number:"<<endl;

cin>>num3;

if (num1 == num2 && num2 == num3) {

cout << "All numbers are equal." << endl;

cout << "Largest number: " << num1 << endl;

cout << "Smallest number: " << num1 << endl;

}

else {

int largest;

if (num1 >= num2 && num1 >= num3) {

largest = num1;

}

else if (num2 >= num1 && num2 >= num3) {

largest = num2;

}

else {

largest = num3;

}

int smallest;

if (num1 <= num2 && num1 <= num3) {

smallest = num1;

}

else if (num2 <= num1 && num2 <= num3) {

smallest = num2;

}

else {

smallest = num3;

}

cout << "Numbers are not all equal." << endl;

cout << "Largest number: " << largest << endl;

cout << "Smallest number: " << smallest << endl;

}

return 0;

}