TD sur les Interfaces.

Exercice 1:

Tester le code suivant :

```
interface Inflammable {
    void enflammer();
}

class Bois implements Inflammable {
    public void enflammer() {
        System.out.println("Je brule et fais des braises");
    }
}

class Dancefloor  implements Inflammable {
    public void enflammer() {
        System.out.println("Youhouhou");
    }
}

public class Text {
    static public void main(String[] args) {
        Inflammable[] tab = { new Bois(), new Dancefloor() };

        for(Inflammable i : tab)
            i.enflammer();
    }
}
```

Exercice 2 :

Tester le code suivant :

```
public interface Comparable {
    boolean greaterThan(Object o);
}
class Maximize {
    static public Comparable max(Comparable a, Comparable b) {
        if(a.greaterThan(b)) {
            return a;
        }
        return b;
    }
```

```java
}

class Person implements Comparable {
    private int size;

    Person(int size) { this.size = size; }

    @Override
    public String toString() { return "size: "+size; }
    public boolean greaterThan(Object o) {
        return this.size > ((Person)o).size;
    }
}
public class Test {
    static public void main(String[] args) {
        Person p1 = new Person(157);
        Person p2 = new Person(173);
        System.out.println(Maximize.max(p1, p2));
    }
}
```