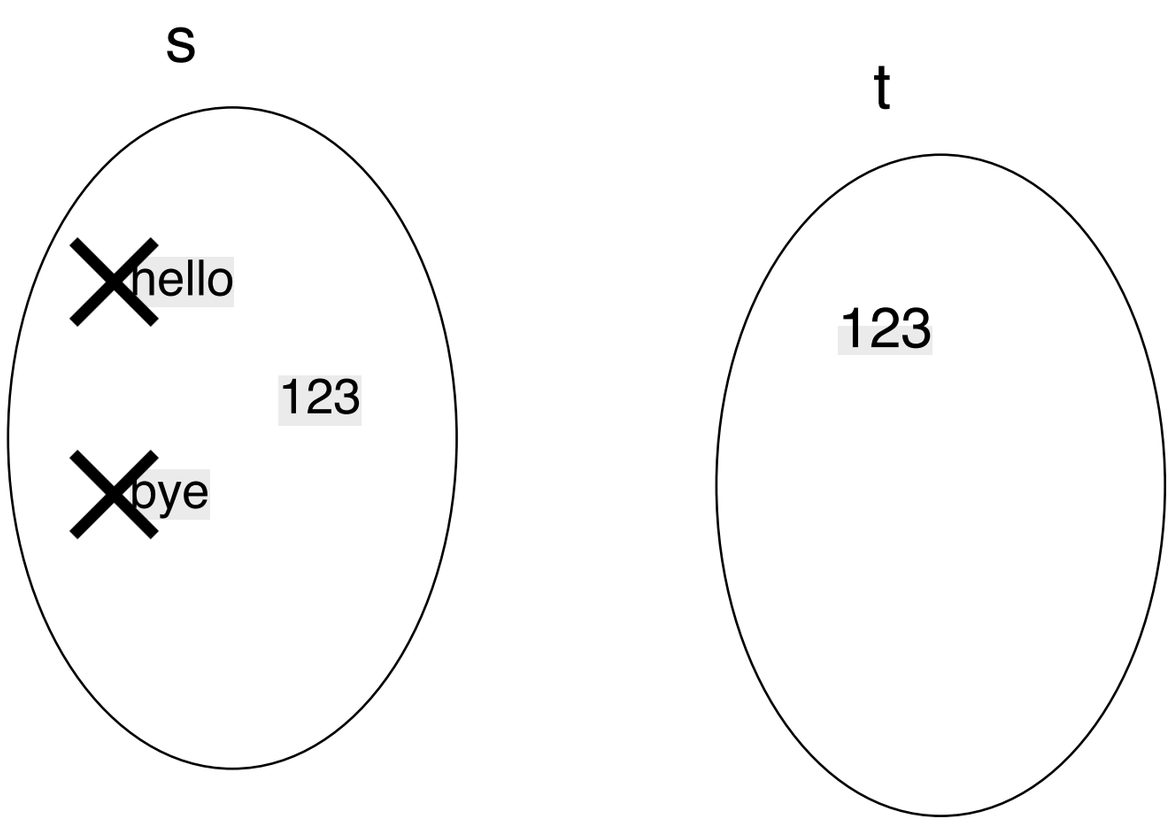


```
Set<String> s = new HashSet<String>();
s.add("hello");
s.add("bye");
s.addAll(s);
Set<String> t = new TreeSet<String>();
t.add("123");
s.addAll(t);
System.out.println(s.containsAll(t));
System.out.println(t.containsAll(s));
```

Creates the set s

add hello to s
add bye to s
nothing happens because everything in s is already in it return false

Creates the set t
adds "123" to t
adds "123" to s
Outputs : true
Outputs : false

```
System.out.println(s.contains("ace"));
System.out.println(s.contains("123"));
s.retainAll(t);
System.out.println(s.contains("123"));
t.retainAll(s);
System.out.println(t.contains("123"));
```

Outputs : false
Outputs : true
removes everything from s except objects that are in t (intersection)

Outputs : true

delete everything from t except "123"
Outputs : true