

## Exercise 05.05: Static Analysis Notifications

Below is a basic Java class that has several FindBugs notifications. For each notification listed below, describe what the notification is telling you (don't repeat the notification's text) and describe how to fix the notification.

The leading numbers are line numbers.

```
1 public class Notifications {
2
3     private String [] names;
4     int size;
5
6     public Notifications(int numNames) {
7         size = 0;
8     }
9
10    public boolean addName(String name) {
11        if (size < names.length){
12            names[0] = name;
13            return true;
14        }
15        return false;
16    }
17
18    public boolean equals(Notifications n) {
19        return true;
20    }
21
22    public static void main(String[] args) {
23        Notifications n = new Notifications(-3);
24    }
25
26 }
```

Your username (**sesmith5@ncsu.edu**) will be recorded when you submit this form. Not **sesmith5**?

[Sign out](#)

\* Required

### Read of unwritten field names in Notifications.addName(String) \*

Line 11

### Unwritten field: Notifications.names \*

Line 11

**Notifications defines equals and uses Object.hashCode() \***

Line 19

**Notifications defines equals(Notifications) method and uses Object.equals(Object) \***

Line 19

**Dead store to n in Notifications.main(String[]) \***

Line 23

**Unity id(s) of person(s) you worked with.**

Send me a copy of my responses.

Submit

Never submit passwords through Google Forms.

Powered by [Google Docs](#)

[Report Abuse](#) - [Terms of Service](#) - [Additional Terms](#)