

Lab 1

Noura Almethin / 2221154924

The screenshot shows the Eclipse IDE interface with the following components:

- Top Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help.
- Left Sidebar:** Package Explorer (Lib repository master), Git Repositories (repository [master]).
- Middle Area:** Array.java (Content Editor) and Outline (Method List).
- Bottom Area:** Problems, Javadoc, Declaration, Git Staging (repository [master]).
- System Tray:** Shows weather (26°C, Mostly cloudy) and system icons.

```
1 public class Array {  
2     private static int []A;  
3     public Array() {  
4         A = new int[10];  
5     }  
6     public void setArray(int[] v) {  
7         A = v;  
8     }  
9     public int OCCUR(int key) {  
10        int count = 0;  
11        for(int i = 0; i <= A.length; i++) {  
12            if(A[i]==key) count++;  
13        }  
14        return count;  
15    }  
16    public static void main(String[] args) {  
17        // TODO Auto-generated method stub  
18    }  
19}  
20}
```

In the Git Staging view, the commit message is being edited:

```
Commit Message  
repository [master]  
Unstaged Changes (0)  
Staged Changes (0)  
Author: 2221154924 <2221154924@CPE5-3B1032-P09.ku.edu.kw>  
Committer: 2221154924 <2221154924@CPE5-3B1032-P09.ku.edu.kw>
```