

Assignment 1 :

THE CODE:

```
package Assignment1;

import java.io.File;
import java.io.FileNotFoundException;
import java.util.Scanner;

public class App {

    public static void main(String[] args) {
        //path
        File directory = new File("pathname: ".");
        int javaFileCount = 0;
        int issueCount = 0;

        File[] files = directory.listFiles();
        if (files != null) {
            for (File file : files) {
                if (file.isFile() && file.getName().endsWith(".java")) {
                    javaFileCount++;
                    issueCount += countIssues(file);
                }
            }
        }

        System.out.println("Number of Java Files = " + javaFileCount);
        System.out.println("Number of Issues = " + issueCount);
    }

    private static int countIssues(File file) {
        int count = 0;
        try (Scanner scanner = new Scanner(file)) {
            while (scanner.hasNextLine()) {
                String line = scanner.nextLine().toLowerCase();
                if (line.contains("issue") || line.contains("solved")) {
                    count++;
                }
            }
        } catch (FileNotFoundException e) {
            System.err.println("Error : " + file.getName());
        }
        return count;
    }
}
```

THE OUTPUT:

```
"C:\Program Files\Java\jdk-16.0.1\bin
Number of Java Files = 0
Number of Issues = 0

Process finished with exit code 0
```