

# **PMD Report**

## **Software Ingeniering II**

### **Student:**

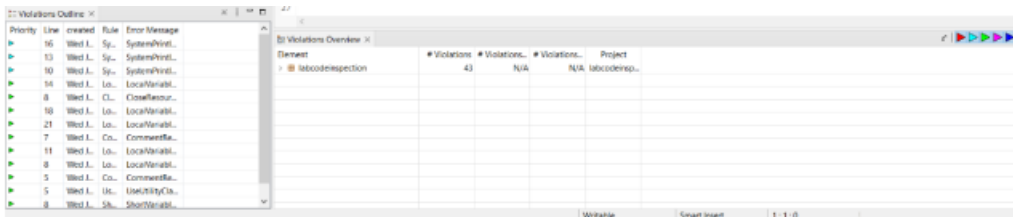
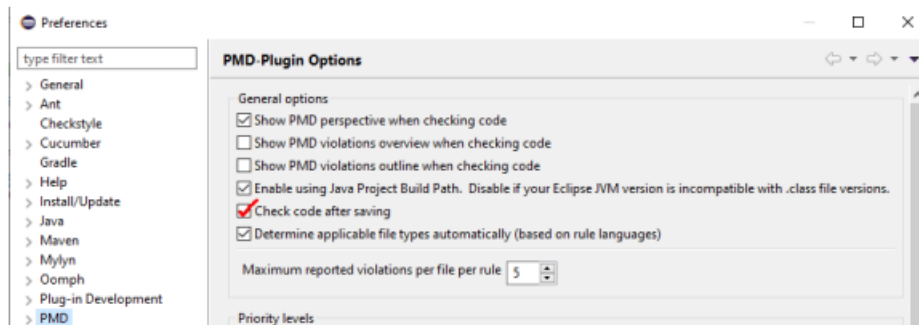
Tenesaca Merchán  
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### **Teacher**

Ing. Mercedes Mawyin  
Ing. Monica Villavicencio

I PAO II -  
2023

## **REPORT CODE INSPECTION**



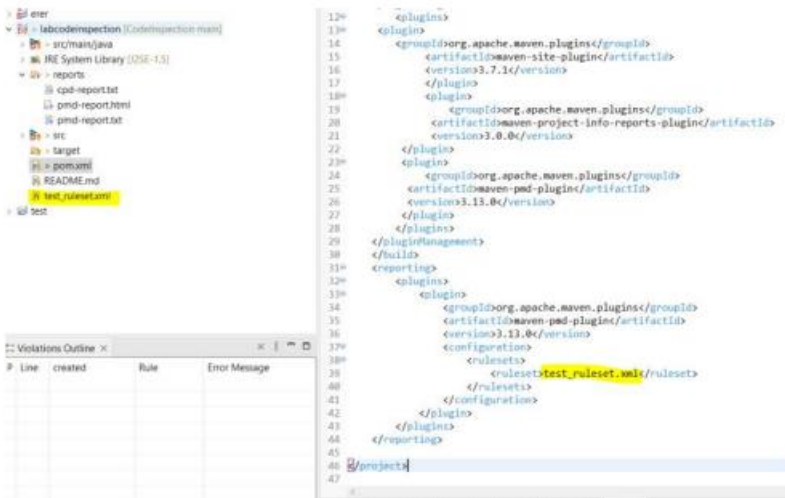
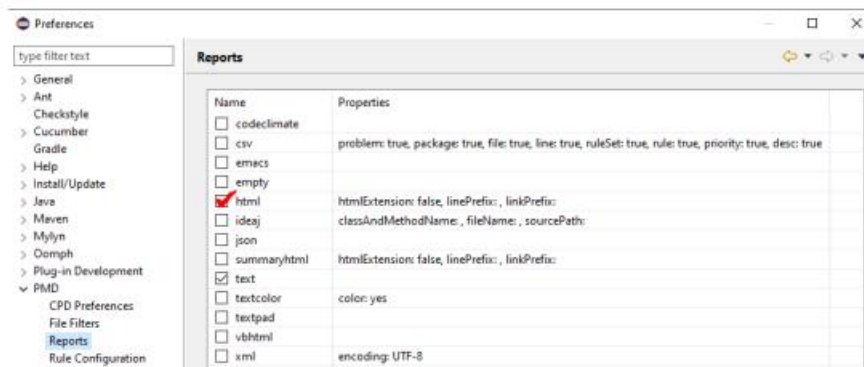
shows the violations next

```

EmailApp.java  Email.java
1  package labcodeinspection;
2
3  public class Email {
4
5      private String firstName;
6      private String lastName;
7      private String password;
8      private String department;
9      private int defaultpasswordLength = 8;
10     private String email;
11
12     public Email(String firstName, String lastName) {
13         this.firstName = firstName;
14         this.lastName = lastName;
15     }
16

```

## PMD Report



```
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 17.972 s
[INFO] Finished at: 2020-05-07T23:17:24-05:00
[INFO] -----
```


## Lab Code Inspection

Last Published: 2020-05-07 | Version: 0.0.1-SNAPSHOT

Lab Code Inspection

**Project Documentation**

- Project Information
- Dependency Information
- About**
- Plugin Management
- Plugins
- Summary
- Project Reports

Built by 





### About Lab Code Inspection

Software Engineering II

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## Files

labcodeinspection/Email.java

Rule	Violation	Priority	Line
ImmutableField 	Private field 'lastName' could be made final; it is only initialized in the declaration or constructor.	3	6
RedundantFieldInitializer 	Avoid using redundant field initializer for 'password'	3	7
ImmutableField 	Private field 'defaultpasswordLength' could be made final; it is only initialized in the declaration or constructor.	3	9
SwitchStmtsShouldHaveDefault 	Switch statements should have a default label	3	23 ~32

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## References

[1] PMD Source Code Analyzer: <https://pmd.github.io/>

[2] Using Rule Sets: <https://maven.apache.org/plugins/maven-pmd-plugin/examples/usingRuleSets.html>

