<u>Code Smells</u>

1. ## Bad/Confusing variable names
    A lot of our variables used were very confusing leading to misunderstanding and situations where only the writer of the code would understand what the code was doing. We had to make sure to use more descriptive comments so our teammates were able to understand each other's code.
2. ## Lack of Documentation
    We noticed a lot of our code lacked enough comments and were unable to understand what a lot of our code was doing. We had to trace back and try to understand the code someone else wrote in order to solve a bug and review the code. We needed to add more descriptive comments to our code for our fellow teammates to edit and understand the code.

3. ## Bad project structure
    At first since we didn't know how maven projects worked and git wasn't our strong point, we had trouble setting up our project and making a proper maven project on git. We also had to edit the pom.xml file accordingly.
4. ## Duplicate Code
    We noticed that some of our classes had a lot of duplicate code and we had to get rid of this. It lacked hierarchy and needed more structure to get rid of this duplicate code issue.
5. ## Unused variables and methods
    In our code we found many situations where variables and methods were not used often or in the proper manner they were created for. We had to make sure these methods and variables had good meaning and made sure we knew the meaning of the existence of these variables and methods to edit them and use them for good purpose.