# Yunfan Yang 30067857

<https://gitlab.cpsc.ucalgary.ca/yunfan.yang/cpsc-501-assignment-3/>

The access to this repository has been granted to the TA and the professor. Please let me know if it is not working by sending email to [yunfan.yang1@ucalgary.ca](mailto:yunfan.yang1@ucalgary.ca) so I can fix. 😊

Graphical user interface, text, application, email

Description automatically generated

The bonus part is implemented: DriverBonus.java

(Refactorings start on the next page)

# Refactorings

## Rename Method

Commit: **aff2c7**80342f21136becc96347e64e95cc4b2718

Some method names are not descriptive at all at the time of coding because of laziness, for example, aaaaa or bbbbb. In order to improve the readability of the code, apply this refactoring to rename these methods with more descriptive names.

Text

Description automatically generated

Text

Description automatically generated

## Extract Method

Commit: **3534e6**7291e0ffaab0abd53b4294105b29549581

The original version of inspectClass method is really long, it does too many things and there are more than 60 lines. By applying this refactoring, smaller methods are created and shorten the length of the method, which improves readability and the philosophy of OOP.

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated