kieran abelen

Sidder19@hotmail.com

Assignment 2

Coder and Tester refactoring

Contents

[Your repository link: 2](#_Toc19942394)

[Marking guide (max 9 \* N marks in total where N = 3): 2](#_Toc19942395)

Coder – Kieran Abelen

# Your repository link:

Original: (Marcus)  
Branch repository: (Kieran)

# Refactoring

1. Smell detection (4 \* N marks)
   1. Identification of N+ bad smells in the target source code. For the sake of learning, you need to identify **bad smells from different bad smell categories (excluding comments bad smell)** covered in our class (N marks)
   2. The location of each bad smell identified (N marks)
   3. The reasons why you think that the ones you identify are bad smells in a concise fashion (N marks)
   4. Brief description about the refactoring strategies/ approaches you are going to use to remove each bad smell (N marks)
2. Refactoring (5 \* N marks)

In order to remove the bad smells that you previously identified, you need to follow the refactoring process that we discussed in class sessions.

1. Identifying the worst smell and the reasons why it is the worst one (N marks)
2. Version control via an online repository (N marks)
3. Modification to remove the worst smell and PEP8 validation (2 \* N marks)
4. Testing and effectively evaluations on your refactored code in a concise fashion (N marks)

# References

Kieran. (n.d.). *mellyonz/Assignment\_2\_G2-\_Kieran-Tester.* Retrieved from github.com: https://github.com/mellyonz/Assignment\_2\_G2-\_Kieran-Tester

Marcus. (n.d.). *forestraindrip/PR301\_Assignment2: The source code for PR301 Assignment2.* Retrieved from github.com: https://github.com/forestraindrip/PR301\_Assignment2