**Code Refactoring: Code Smells**

# **Part 1: Code Smells and Refactoring Patterns**

## ***Code Smells***

1. [Type your first code smell and delete this text and the brackets.]
2. [Type your second code smell and delete this text and the brackets.]
3. [Type your third code smell and delete this text and the brackets.]

## ***Refactoring Patterns***

[Name and describe a refactoring pattern that addresses each code smell and delete this statement and the brackets.]

## ***Code Quality Improvement***

[Discuss how each refactoring pattern improves the quality of the code and delete this statement and the brackets.]

# **Part 2: Refactoring Tool and Refactoring Patterns**

## ***Refactoring Tool***

[Type the name of your selected refactoring tool and delete this text and the brackets.]

## ***Refactoring Tool Capabilities***

[Describe the capabilities of the refactoring tool and delete this text and the brackets.]

## ***Addressing Refactoring Patterns***

[Describe how the tool addresses or does not address the refactoring patterns you identified in Part 1 and delete this text and the brackets.]

# **References**

[Using IEEE or ACM style, list your 3-5 references and delete this text and the brackets.]

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