Six Core Refactorings

Taken from: https://refactoring.guru

Rename (Variable/Field/Method/Class)

Problem: The name of a method does not explain what the method does.
Solution: Rename the method.

Extract Method

Problem: You have a code fragment that can be grouped together.
Solution: Move this code to a separate new method (or function) and replace the old code with a call to the method.

Introduce Local Variable

Problem: You have an expression that is hard to understand.
Solution: Place the result of the expression or its parts in separate variables that are self-explanatory.

Introduce Parameter

Problem: Multiple methods perform similar actions that are different only in their internal values, numbers or operations.
Solution: Combine these methods by using a parameter that will pass the necessary special value.

Introduce Field

Problem: Multiple methods in a class are passing the same variable to each other
Solution: Bind the reused parameter to a field and reference it directly in each method

Inline (Variable/Field/Method/Class)

Problem: When a variable/field/parameter/method body is more obvious than the method itself, use this technique.
Solution: Replace calls to the method with the method's content and delete the method itself.