

Code Smells

A Programmers Unclean Gym Bag

What Are Code Smells?



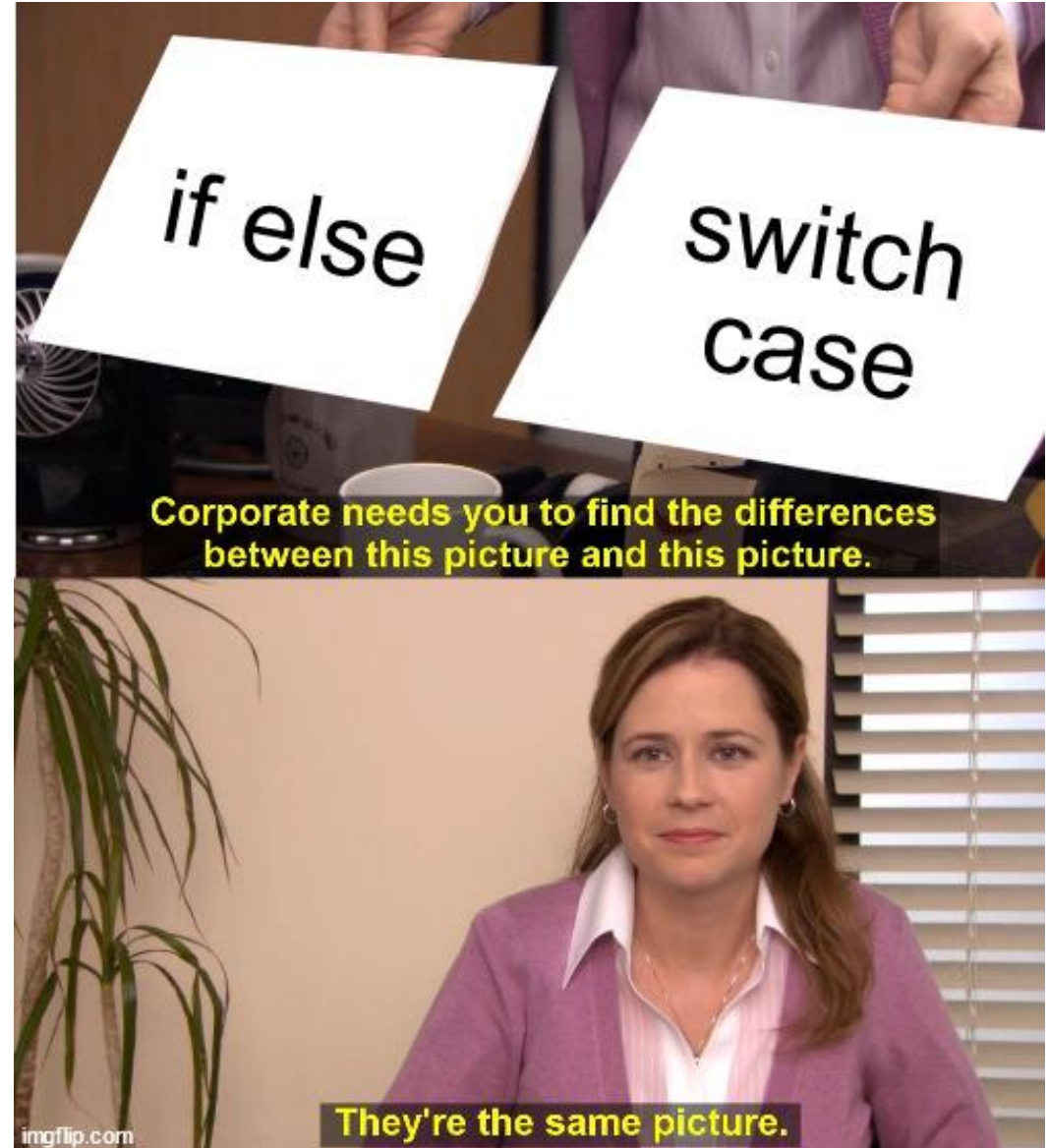
Bloaters

- Long Methods and Classes
- Primitive Obsession
- Data Clumps
- Long Parameter List



Object-Oriented Abusers

- Switch Statements
- Temporary Field
- Refused Bequest
- Alternative Classes With Different Interfaces



Change Preventers

- Divergent Change
- Shotgun Surgery
- Parallel Inheritance Hierarchies



Dispensables

- Comments
- Duplicated Code
- Lazy Class
- Data Class
- Dead Code
- Speculative Generality



Couplers

- Feature Envy
- Inappropriate Intimacy
- Message Chains
- Middle Man



Questions?

- Bloaters
- Object-Oriented Abusers
- Change Preventers
- Dispensables
- Couplers



Thanks for your attention

Sources

- sourcemaking.com/refactoring/smells
- Alcor Academy Running module

