BAD SMELLS IN CODE

1. Duplicated Code

2. Long Method

3. Large Class

4. Long Parameter List

5. Divergent Change

6. Shotgun Surgery

7. Feature Envy

8. Data Clumps

9. Primitive Obsession

10. Switch Statements

11. Parallel Inheritance Hierarchies

12. Lazy Class

13. Speculative Generality

14. Temporary Field

15. Message Chains

16. Middle Man

17. Inappropriate Intimacy

18. Alternative Classes with Different Interfaces

19. Incomplete Library Class

20. Data Class

21. Refused Bequest

22. Comments