**Code Smells & Refactoring**

**Code Smells:**

1. Long Method
2. Long Class
3. Duplicate Code
4. Dead Code
5. Lazy Class
6. Temporary Field
7. Long Parameter List
8. Comments
9. Feature Envy
10. Data Clumps

**Refactoring’s:**

1. Remove Parameter
2. Move Field
3. Replace Data Value with Object
4. Replace Temp with Query
5. Extract Method

**Design Patterns:**

1. Singleton
2. Builder
3. Iterator