What is Refactoring?

- Semantic-preserving program transformations
  - A change made to the internal structure of a program without modifying its observable behavior to make it
    - Easier to understand
    - Cheaper to modify
- **Refactoring patterns**
  - "Improving the design after the code has been written"
    - Seems a bit odd since we usually design first then code
    - Refactoring usually entails small changes with large cumulative effects

在不改变程序行为下对程序结构进行修改
易于理解
易于修改