

# Implementing Data Structures; Pre-/Post-Conditions

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Summer 2023

# Agenda

- OOP Review
- ArrayList
  - Pre-/Post-Conditions
- PO

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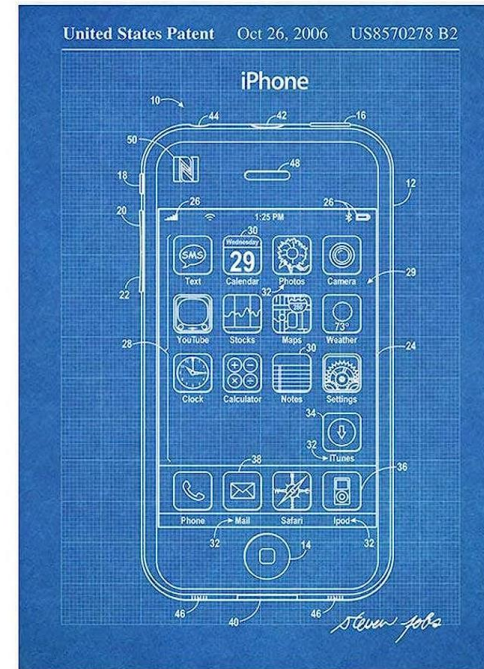
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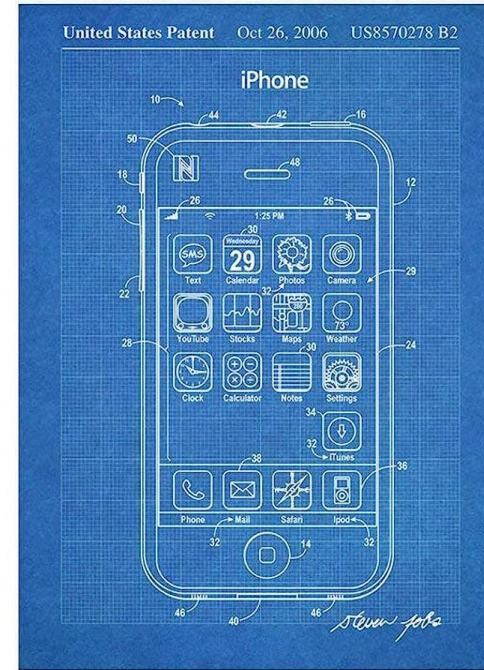
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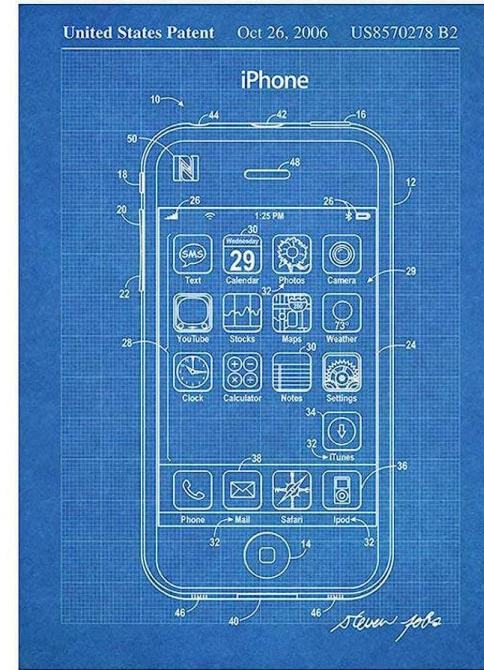
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  - Programs that utilize implemented classes
- **Implementer**
  - Designing classes for others to use
  - Provide **abstraction** layer



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# P0 – Warm Up

- First programming assignment!
  - Review of previous concepts that you are expected to know
  - Make sure to complete **all components**
  - Due next **Wednesday 6/28**
- Workflow
  - Use IntelliJ to develop and debug
  - Mark your homework on Ed to turn it in
  - Ed test cases should be treated as final check!
    - Don't try to debug from these cases
    - Instead use IntelliJ to debug your work

# P0 – Warm Up

- To be making **effective progress** in the course:
  - You should be passing all test cases on Ed
  - You should be following good code quality principles
  - Resubmissions exist, but don't let that be a crutch!
- We're here to help!
  - Review content covered in pre-class work, lessons, section, etc.
  - Stop by IPL / Hitesh's OH
  - Post on the Ed Board