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**iOS DESIGN
PATTERNS**
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PART 8: COMPOSITION OVER INHERITANCE

PREFER COMPOSITION OVER INHERITANCE

- Achieve polymorphic behavior and code reuse by composition rather than inheritance

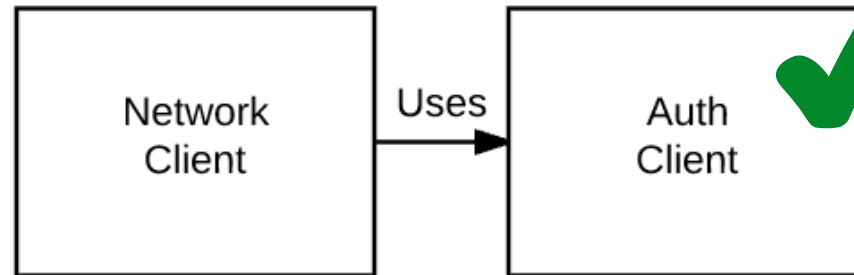
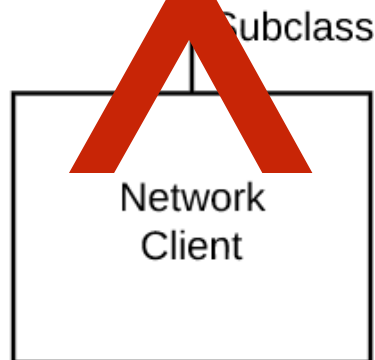
I do say:
needs more
composition.



Why, quite so!

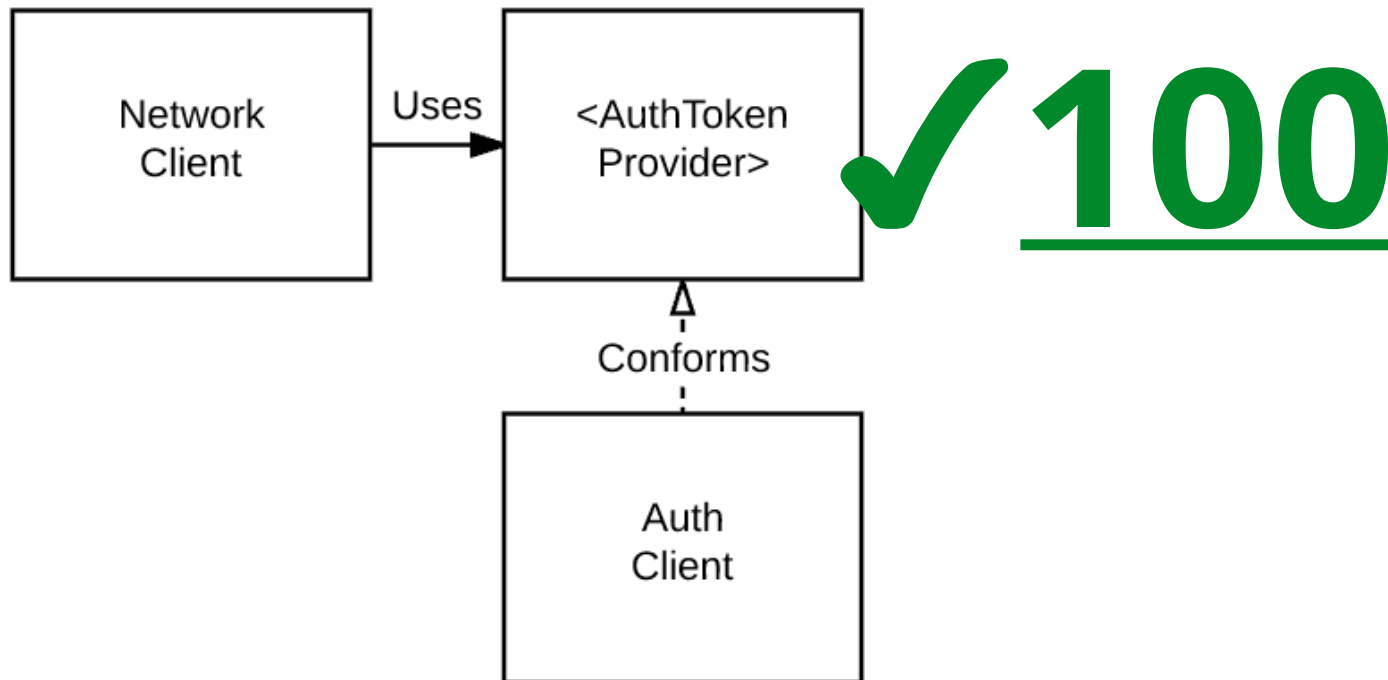
WHAT DOES THAT MEAN?

- ▶ Prefer using other classes over subclassing



DEPENDENCY INVERSION PRINCIPLE

- Depend on abstractions instead of details



DEMO

- ⚙️ Create **AuthProvider**
- ⚙️ Use **AuthProvider** within **NetworkClient**
- ⚙️ Write **sendQuoteRequest()**
- ⚙️ Update **ProductDetailsViewController**



CHALLENGE TIME!

- ⚙ Write **getQuoteRequests()**
- ⚙ Update **QuoteRequestsViewController**

