

Assignment 1: Handwritten

Problem 2:

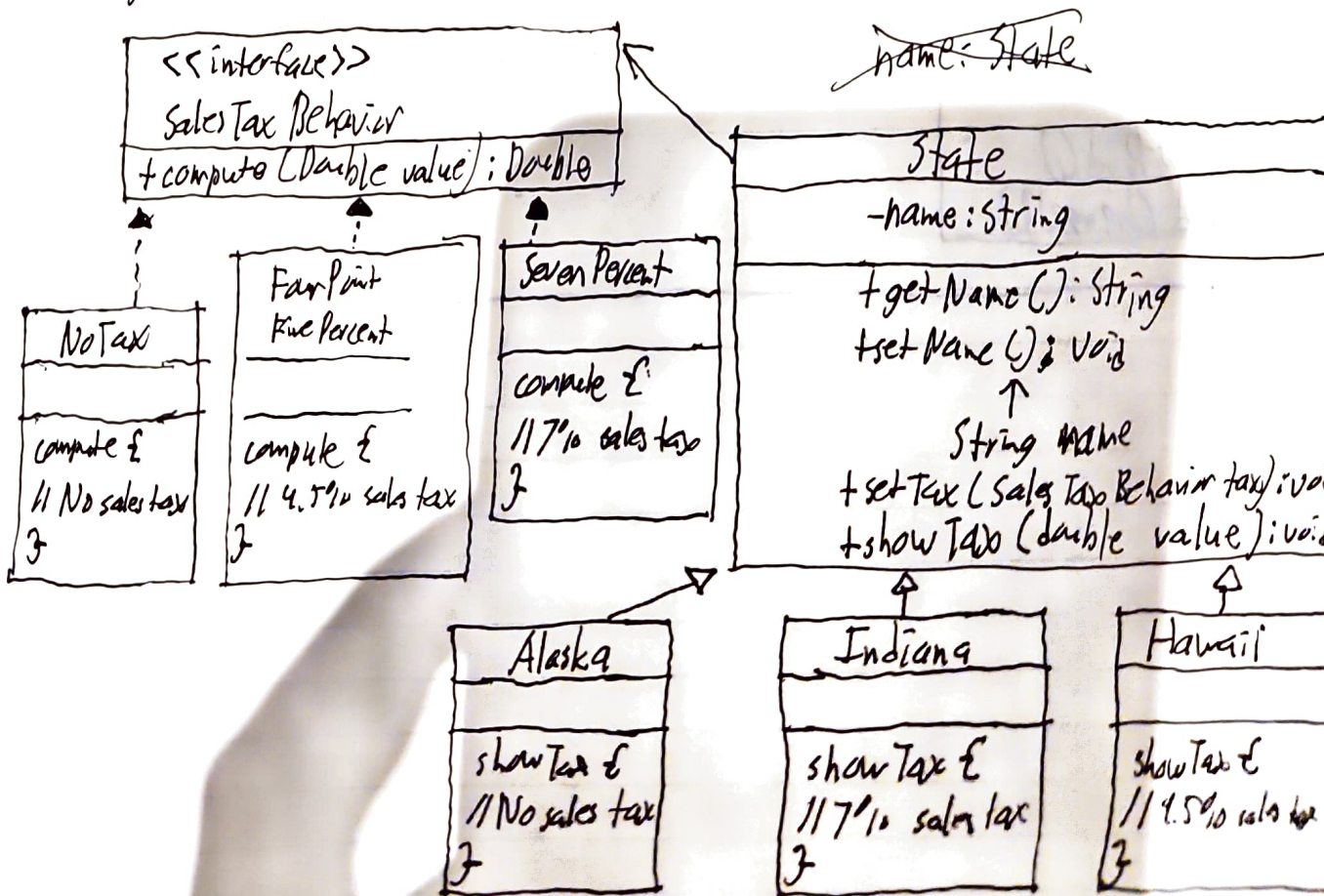
1. IS-A: A Mallard Duck is a type of duck.
2. IS-A: A Redhead Duck is a type of Duck, and also needs to swim, fly, etc.
3. IS-A: A Rubber Duck is a type of duck.
4. IS-A: Even if it's a decoy, Decoy Duck is categorized as a type of duck.
5. HAS-A: Fly Behavior is NOT a type of duck; Ducks have the ability to fly, so Fly Behavior would be a HAS-A relationship.
6. HAS-A: Quacking is NOT a type of duck, but rather a behavior a duck can do.
7. IS-A: Quack is a type of Quack Behavior.
8. IS-A: Squeaking is a type of Quack Behavior.
9. IS-A: Mute Quack, even if it is silent, is a type of Quack behavior here.

Problem 1:

UML: State HAS-A Sales Tax

Indiana, Hawaii, Alaska ARE-A State

No Tax, Seven Percent, Four Point Five Percent ARE-A Sales Tax



Problem 3: UML: An Auctioneer is subject, Three types of observers
In-person
Online
Phone
All channels

