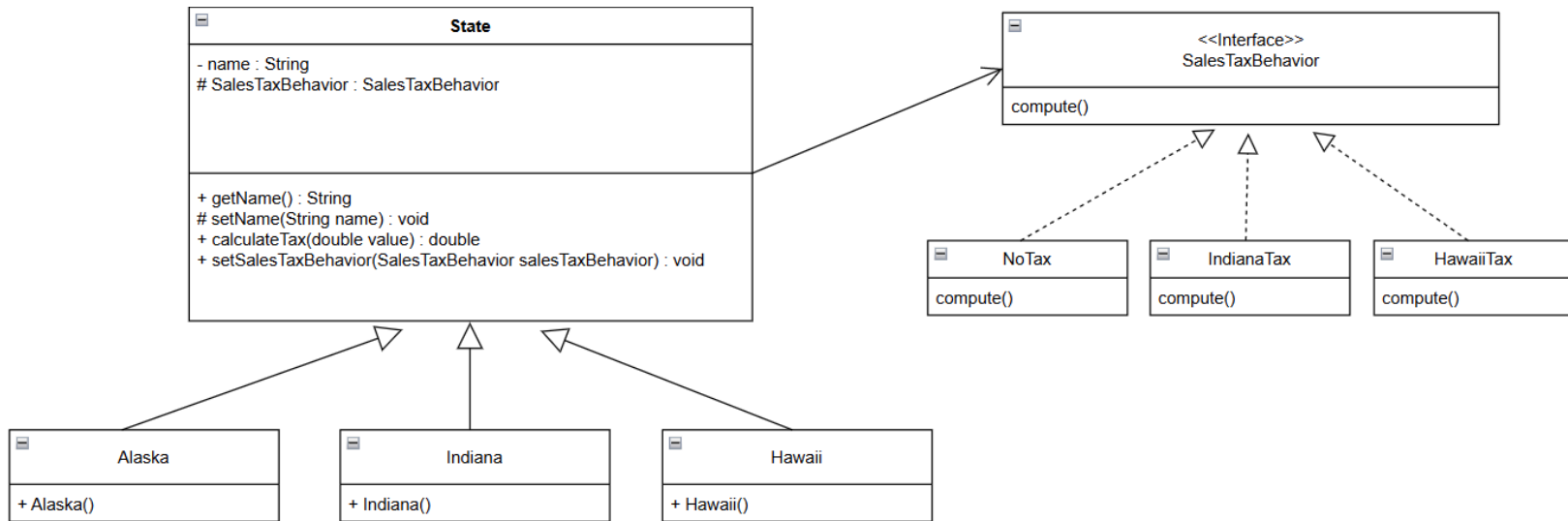


Problem 1: Part B



Problem 2: HAS-A and IS-A

1. IS-A
 - a. Mallard duck is a duck
2. IS-A
 - a. Redhead duck is a duck
3. IS-A
 - a. Rubber duck is a duck
4. IS-A
 - a. Decoy duck is a duck
5. HAS-A
 - a. Every duck has a fly behavior
6. HAS-A
 - a. Every duck has a quack behavior
7. IS-A
 - a. Quack is a quack behavior
8. IS-A
 - a. Squeak is a quack behavior
9. IS-A
 - a. Mute is a quack behavior

Problem 3: The Observer Design Pattern

