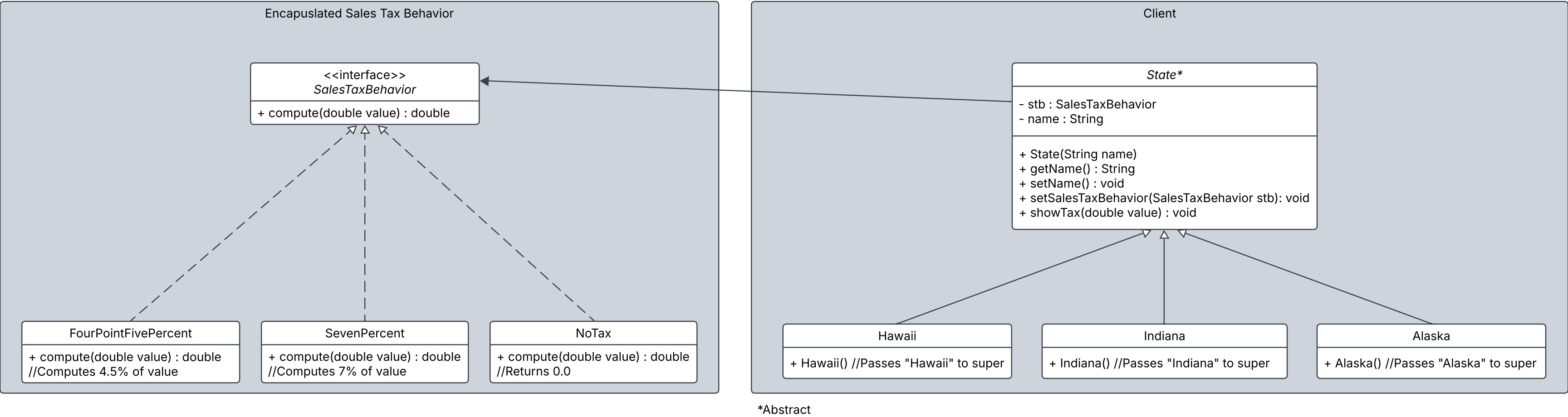


Assignment 1

Joey Myers

Problem 1



Problem 2

- 1-4: IS-A relationship since MallardDuck, RedheadDuck, RubberDuck, and DecoyDuck are all types of duck and are subclasses of the Duck super class: they inherit from Duck.
- 5-6: HAS-A relationship since the Duck class has a FlyingBehavior and a QuackBehavior which is called composition: Duck has FlyingBehavior and QuackBehavior as instance variables.
- 7-9: IS-A relationship since Quack, Squeak, and MuteQuack are each a QuackBehavior and implement the QuackBehavior interface: they inherit from QuackBehavior.

Problem 3

