**Extract Method**

Extract method #1: Extracting footer from statement().

* Reason: can be reused (bill, receipt, etc.).

Extract method #2: Extracting statementRental() from statement().

* Reason: might reuse for later, since it is, in essence, \t<name>\t<cost>\n.

Extract method #3: Extracting calculation of rental cost (getTotalRentalCost()) from statement().

* Reason: separation of concern (calculation should not be done every time statement printed, should have beforehand).

**New classes:**

RegularMovie, ChildrenMovie, NewReleaseMovie

* Reason: each movie which is a direct descendant of Movie class has different methods of calculating rental cost and frequent renter points, so to stop switch/case and if/else, we can abstract away the calculation of those numbers with polymorphism.

**Replacing datatype:**

The 3 movie price code constants in Movie -> enum PriceCode

* Reason: Abstract away error handling when invalid price code is entered (user can enter 5, 6, 1000,… when using int price code).

**Renaming**

Renaming #1: in Customer.statement(), each -> currentRental

* Reason: each does not tell what it means. currentRental tells what is being processed.

Renaming #2: in Customer.statement() and Customer.getTotalRentalCost(), totalAmount -> totalRentalCost

* Reason: totalAmount does not tell the unit (amount of what). totalRentalCost tells that it is the cost (USD).

Renaming #3: in Customer.addRental(), arg -> rental

* Reason: arg does not tell what is being an argument, rental tells that a rental is being put in.

**Move Method**

Move method #1: statementRental() from Customer to Rental()

* Reason: a rental’s statement should be handled by the rental class itself, since it is essentially a \t<name>\t<cost>\n which can be reused, refer to “Extract method #2”.

Move method #2: calculating rental cost from Customer.statement() to Rental.

* Rental cost can be reused for preview rent, contract, etc. and not only statement.

Move method #3: calculating frequent renter points from Customer to Rental

* Rental frequent renter points can also be used to preview rent, contract, etc.