**Assignment 2**

* Extracted Switch statement into its own method (calculate amount) because the method statement was too long and complex
* Moved the calculate amount method to the rental class, because it doesn’t use any field from the Customer class
* Created two new classes Statement and XML statement, XML statement class extends the Statement class this way allowing for new ways to print statement
* Extracted Method for calculating frequent renter points into its own method
* Moved Method for printing statement into its own class as it doesn’t belong to any other class
* Used polymorphism to replace switch conditional for getting the price of a movie, this lead to the creation of an abstract super class Price and three subclasses RegularPrice, Childrens and NewRelease, this way if a new movie type is added we can extend Price to calculate price for the newly added movie type
* Moved the logic for getting frequent renter points to the price class, since we are separating concerns based on the movie type
* Replaced deprecated Vector with Array List