Changes:

* Moved Customer, Rental, Movie to their own package. Created a package for main class.
* Changed Vector raw type to vector<Rental>
* Removed object casting on line 34 of Customer.java.
* Moved switch statement in Rental.java to calculateAmount method.
* frequentRenterPoints becomes class variable in Customer
* Changed string formating of totalAmount from String.valueOf to String.format.
* Changed all class variable names to remove underscore. Use this.variableName format instead.
* Moved calculateAmount to become a movie class method.
* Top level: Created Movie interface with calculateAmount method.
* First level: MovieChildren, MovieNew and MovieRegular implements Movie Interface. (Other classes can be added)
* Modified Rental.java to accept Movie.java as an interface.
* Removed Enumeration data type in Customer.java.
* Moved point calculation to Rental.java

Rationale:

* Added toXML method in Customer and Rental: Customer name and rental name can be called separately so changes can be localized to an object, not a big method.
* Movie interface: this hides the complexity of concrete classes and applies polymorphism).
* Used TreeSet: So that the movies are sorted, and can be checked for existence.
* Used HashSet in Movie interface: one movie can belong to many genres. This can be used to change the pricing or searching movie based on type.
* Used enum for genre: to prevent adding invalid enum and let the program fail fast.
* Frequent renter point calculation is in Rental.java: each rental has its own point, so it does not have to convolute with existing rental point.
* Point is not saved after calculation: the rental list is usually short (renting 50 movies?) so redoing calculation is fine.
* Rental price calculation is moved to Movies with days rented: this property is unique to each movie being checked out.
* I didn’t use JAXB to write XML file: Java 8 still has JAXB, but Java 9 moved JAXB to a legacy package, so it might break the program on your computer.
* Each movie implements Comparable: this is required to use TreeSet.