

The Movie Store

Refactor the Movie Store program to make it more object-oriented. In particular, focus on the `switch-case` that calculates the amount, and the `if` that calculates renter points.

Refactor the code and introduce classes so that it is easy to add a new price code, such as *OnPromotion*, in addition to *Regular*, *NewRelease*, and *Children's*.

Take into account that the price code of a movie may change. E.g. a movie that's a new release today may become regular a month later; a children's movie may be put on promotion for a week, etc.

Also, note the commonality in the price calculation of a rental. Try to abstract out the price calculation algorithm and increase reuse.