

Assignment 3 Description:

To address question 1 requirements, I used the singleton approach and applied that to the Library class. There can only ever be one instance of a Library.

To address question 2 requirements, I used the flyweight approach and applied it to TVShow and Movie. I made the constructors private, then when using the public get method I first checked to see if the Object already exists using the title as a key, Object as the value in the List keeping track of the objects, if not create it, and update the List. Then return this Object.

To address question 3, the equals method takes two objects, compares to make sure they are not null, then checks they are the same class, then checks for matching Watchable objects in the same order.

