

1. Copy the files `BoardGame.java` and `BoardGameTester.java` from blackboard and compile. The class contains some errors related to variables. Fix these errors and run the tester class so that it produces the following output:

```
Title Monopoly Publisher: Hasbro Number of players: 4
Full title: Monopoly (Hasbro)
```

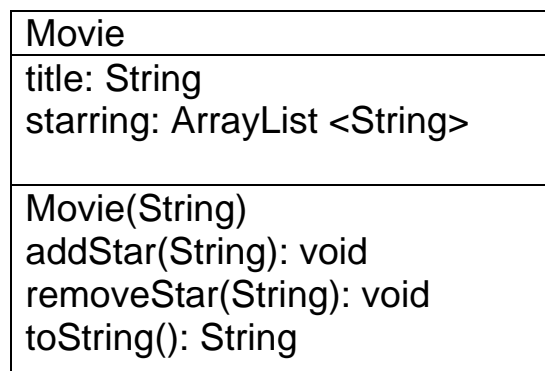
2. Copy the file `EBook.java` from Blackboard. This file contains examples of Composition in the form of the instance variables `title` and `authors`. Write a Tester class which produces the following output:

```
Title: War and Peace
Size: 5 mb
Authors: Leo Tolsoy
```

```
Title: Good Omens
Size: 2 mb
Authors: Neil Gaiman Terry Pratchett
```

```
Title: Heads You Lose
Size: 3 mb
Authors: Lisa Lutz David Hayward
```

3. Create a `Movie` class based on the below UML diagram .



4. Write a Tester program which instantiates two `Movie` objects. The first has a title of *The Rock* and stars *Nicholas Cage* and *Sean Connery*. The second has a title of *Pulp Fiction* and stars *Samuel L Jackson*, *John Travolta*, *Uma Thurman* and *Bruce Willis*. The program should print out details of both `Movies`.

```
Title: The Rock
Starring: Nicholas Cage Sean Connery
```

```
Title: Pulp Fiction
Starring: Samuel L Jackson John Travolta Uma Thurman Bruce
Willis
```

5. Copy the file `Date.java` from Blackboard. Add a new instance variable of this type called `releaseDate` to your `Movie` class. Add a `setReleaseDate()` method to your `Movie` class and modify your `toString()` method. Test these changes.

```
Title: The Rock  
Starring: Nicholas Cage Sean Connery  
Release Date: 7/6/1996
```

```
Title: Pulp Fiction  
Starring: Samuel L Jackson John Travolta Uma Thurman Bruce  
Willis  
Release Date: 21/5/1994
```

6. Change the Constructor of `Movie.java` so that it accepts a parameter called `releaseDateIn` of type `Date`, and sets the `releaseDate` to this `Date`. Test this change.

```
Movie m1 = new Movie("Infinity War", new Date(23, 4, 2018));
```

7. Add an overloaded Constructor that accepts the date in the form of three ints. Test this change.

```
Movie m2 = new Movie("Avengers Endgame", 25, 4, 2019);
```