Step Two

1
point

1.

In the SecondRatings class, the name of the private variable to store the ArrayList of type Movie is named **myMovies**. For the constructor in this class that has two String parameters named **moviefile** and **ratingsfile**, which one of the following shows how one might call **loadMovies**, which is a method in the FirstRatings class?

○ (selected)
```
1   FirstRatings fr = new FirstRatings();
2   myMovies = fr.loadMovies("data/" + moviefile);
```

○
```
1   FirstRatings fr = new FirstRatings();
2   myMovies = loadMovies("data/" + moviefile);
```

○
```
1   FirstRatings fr = new FirstRatings();
2   myMovies.fr.loadMovies("data/" + moviefile);
```

○
```
1   myMovies = loadMovies("data/" + moviefile);
```

○
```
1   myMovies.loadMovies("data/" + moviefile);
```

1
point

2.

In the **printAverageRatings** method in the MovieRunnerAverage class, which one of the following would be the way to print the number of movies read in and the number of raters read in?

○ (selected)
```
1   // assume moviefile and ratingsfile have been defined
2   SecondRatings runner = new SecondRatings(moviefile,ratingsfile);
3   System.out.println("read data for " + runner.getRaterSize() + "
        raters");
4   System.out.println("read data for " + runner.getMovieSize() + "
        movies");
```

○
```
1   // assume moviefile and ratingsfile have been defined
2   SecondRatings runner = new SecondRatings(moviefile,ratingsfile);
3   System.out.println("read data for " + getRaterSize() + " raters");
4   System.out.println("read data for " + getMovieSize() + " movies");
```

○
```
1   // assume moviefile and ratingsfile have been defined
2   SecondRatings runner = new SecondRatings(moviefile,ratingsfile);
3   // assume myMovies and myRatings are the names of ArrayList of type
        Movie and ArrayList of type Rater in the SecondRatings class
4   System.out.println("read data for " + myRatings.size() + " raters");
5   System.out.println("read data for " + myMovies.size() + " movies");
```

○

```
1   // assume moviefile and ratingsfile have been defined
2   SecondRatings runner = new SecondRatings(moviefile,ratingsfile);
3   // assume myMovies and myRatings are the names of ArrayList of type
        Movie and ArrayList of type Rater in the SecondRatings class
4   System.out.println("read data for " + runner.myRatings.size() + "
        raters");
5   System.out.println("read data for " + runner.myMovies.size() + "
        movies");
```

1
point

3.

Consider the following movie file (only the first three fields are shown for each movie).

```
1   id,title,year,country,genre,director,minutes,poster
2   0477348,"No Country for Old Men",2007,...
3   0416960,"The Lizard",2004,...
4   1646980,"The Double",2011,...
5   2042568,"Inside Llewyn Davis",2013,...
6   0756648,"The Fox & the Child",2007,...
7   1790864,"The Maze Runner",2014,...
8   0061512,"Cool Hand Luke",1967,...
```

Consider the following ratings file:

```
1    3,1790864,7,1448832437
2    29,1790864,9,1411064109
3    44,2042568,8,1412200503
4    51,0416960,7,1362891496
5    51,2042568,6,1387605483
6    65,1790864,7,1447728928
7    88,0477348,8,1431897274
8    193,0061512,10,1438363286
9    193,0477348,10,1441399258
10   249,2042568,7,1402519352
11   361,0477348,9,1370396355
12   435,0477348,9,1412881981
13   688,0477348,7,1413702368
14   931,0061512,8,1368120324
```

What is the average rating of the movie "No Country for Old Men"?

8.6

1
point

4.

Consider the following movie file (only the first three fields are shown for each movie).

```
1   id,title,year,country,genre,director,minutes,poster
2   0477348,"No Country for Old Men",2007,...
3   0416960,"The Lizard",2004,...
4   1646980,"The Double",2011,...
5   2042568,"Inside Llewyn Davis",2013,...
6   0756648,"The Fox & the Child",2007,...
7   1790864,"The Maze Runner",2014,...
8   0061512,"Cool Hand Luke",1967,...
```

Consider the following ratings file:

```
1    3,1790864,7,1448832437
2    29,1790864,9,1411064109
3    44,2042568,8,1412200503
4    51,0416960,7,1362891496
5    51,2042568,6,1387605483
6    65,1790864,7,1447728928
7    88,0477348,8,1431897274
8    193,0061512,10,1438363286
9    193,0477348,10,1441399258
10   249,2042568,7,1402519352
11   361,0477348,9,1370396355
12   435,0477348,9,1412881981
13   688,0477348,7,1413702368
14   931,0061512,8,1368120324
```

What is the average rating of the movie "Inside Llewyn Davis"?

7.0

1
point

5.
Using the files **ratedmoviesfull.csv** and **ratings.csv**, what is the rating of the movie "The Maze Runner"?

(Give your answer to the ten thousandths place, or four decimal places.)

7.1875

1
point

6.
Using the files **ratedmoviesfull.csv** and **ratings.csv**, what is the rating of the movie "Moneyball"?

(Give your answer to the ten thousandths place, or four decimal places.)

8.3750

1
point

7.

Using the files **ratedmoviesfull.csv** and **ratings.csv**, what is the rating of the movie "Vacation"?

(Give your answer to the ten thousandths place, or four decimal places.)

> 6.8000

1
point

8.
Using the files **ratedmoviesfull.csv** and **ratings.csv**, how many movies have 50 or more ratings?

> 7

1
point

9.
Using the files **ratedmoviesfull.csv** and **ratings.csv**, of those movies that have at least 20 ratings, what is the name of the movie that has the lowest rating?

- ◯ *Riddick*
- ◯ *Elysium*
- ◯ *The Interview*
- ⦿ *The Purge*
- ◯ *White House Down*

1
point

10.
Using the files **ratedmoviesfull.csv** and **ratings.csv**, of those movies that have at least 12 ratings, what is the name of the movie that has the lowest rating?

- ◯ *The Hangover Part III*
- ◯ *Identity Thief*
- ⦿ *Spring Breakers*
- ◯ *Mama*
- ◯ *The Purge*

☑ I, **Suhaib Aslam**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.
Learn more about Coursera's Honor Code