-- 1a Find the name of the director who has directed the most movies. (5 points)
-- Answer:
/*

```
+---------------+-------------+
| DIRECTOR_NAME | MOVIE_COUNT |
|---------------+-------------|
| Carson, Dick | 3058 |
+---------------+-------------+
```

*/

-- 1b Find the 10 most frequent collaborators with that director. This means the 10 people that appear in cast info on the most movies directed by that director. (5 points)
-- Answer
/*

```
+-------------------+---------------------+
| NAME              | COLLABORATION_COUNT |
|-------------------+---------------------|
| Griffin, Merv     |                3021 |
| White, Vanna      |                2988 |
| Sajak, Pat        |                2983 |
| Jones, Nancy      |                2411 |
| O'Donnell, Charlie |               1887 |
| Clark, Jack       |                 977 |
| Friedman, Harry   |                 611 |
| Macker, John      |                 195 |
| Kelly, M.G.       |                 113 |
| Stafford, Susan   |                  29 |
+-------------------+---------------------+
```

*/

-- 1c Find the year where this director produced the most movies. (5 points)
/*

```
+-----------------+-------------+
| PRODUCTION_YEAR | MOVIE_COUNT |
|-----------------+-------------|
| 1984 | 210 |
+-----------------+-------------+
```

*/

-- 2c Using the temporary views, find the top 10 most profitable movies (i.e. had the greatest gross - budget difference)

```
/*
+----------+--------------------------------------------+------------+
| MOVIE_ID | TITLE | PROFIT |
|----------+--------------------------------------------+------------|
| 1704289 | Avatar | 2545275172 |
| 2438179 | Titanic | 1985372302 |
| 2346436 | The Avengers | 1291757910 |
| 1938931 | Harry Potter and the Deathly Hallows: Part 2 | 1216511219 |
| 2388429 | The Lord of the Rings: The Return of the King | 1025929521 |
| 2447265 | Transformers: Dark of the Moon | 928746996 |
| 2292728 | Skyfall | 908561013 |
| 2387041 | The Lion King | 900578747 |
| 2445639 | Toy Story 3 | 863171911 |
| 2006991 | Jurassic Park | 851691118 |
+----------+--------------------------------------------+------------+

*/
```

-- 3a Count the number of movies where the director is also an actor or actress to see how common it is.

```
/*
+------------+
| NUM_MOVIES |
|------------|
|     139180 |
+------------+
*/
```

-- 3b Find the average number of actors/actresses in each movie.

```
/*
+-------------------------+
| AVERAGE_ACTORS_PER_MOVIE |
|-------------------------|
| 9.849613 |
+-------------------------+

*/
```

BONUS QUESTION: Briefly describe the movie that you would produce based on your research above

The kind of movie I'd produce should have about 10 actors/actresses where I also star as a cameo. Avatar, Titanic or The Avengers may be good inspiration for my movie; thus, the genre of my movie would be either action or science fiction or based on a real event in history.