

# CSC343 Worksheet 6 Solution

June 21, 2020

## 1. Exercise 8.1.1:

```
a) CREATE VIEW RichExec AS
2   SELECT * FROM MovieExec
3   WHERE netWorth >= 100000000;
4
```

### Notes:

- Virtual Views
  - **Syntax:** CREATE VIEW < view-name > AS < view-definition >
  - Contrasts to database that exists in physical storage
  - Exists in RAM
  - Is created using query
  - can be used like a relation

### Notes:

```
1   CREATE VIEW ParamountMovies AS
2   SELECT title, year
3   FROM Movies
4   WHERE studioName = 'Paramount';
5
```

```
b) CREATE VIEW StudioPres AS
2   SELECT * FROM Movies
3   INNER JOIN Studio ON cert# = presC#;
4
```

```
c) CREATE VIEW ExecutiveStar AS
2   SELECT * FROM MovieExec
3   NATURAL JOIN MovieStar;
4
```

## 2. Exercise 8.1.2:

a) `SELECT name, gender FROM ExecutiveStar;`  
2

b) `SELECT name FROM RichExec WHERE netWorth > 10000000;`  
2