

# CSC343 Worksheet 6 Solution

June 21, 2020

## 1. Exercise 8.1.1:

```
a) 1 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) 1 CREATE VIEW StudioPres AS
    2     SELECT * FROM Movies
    3     INNER JOIN Studio ON cert# = presC#;
    4
```

```
c) 1 CREATE VIEW ExecutiveStar AS
    2     SELECT * FROM MovieExec
    3     NATURAL JOIN MovieStar;
    4
```

## 2. Exercise 8.1.2:

```
a) 1 SELECT name, gender FROM ExecutiveStar;
    2
```