

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
```