CSC343 Worksheet 5 Solution

June 18, 2020

1. a) **Example:**

- Foreign-key
  - **Syntax 1:** FOREIGN KEY (< attributes >) REFERENCES < table >(< attributes >)
  - **Syntax 2:** REFERENCES < table >(< attributes >)
  - Binds an attribute of one relation to an anttribute in another table
  - Added when creating table

  Example:

```
1    // Example 1
2    CREATE TABLE Studio (
3        name CHAR(30) PRIMARY KEY,
4        address VARCHAR(255),
5        presC# INT REFERENCES MovieExeC(cert#)
6    );
7
8    // Example 2
9    CREATE TABLE Studio (
10       name CHAR(30) PRIMARY KEY,
11       address VARCHAR(255),
12       presC# INT,
13       FOREIGN KEY (presC#) REFERENCES MovieExec(cert#)
14   );
15
```