CSC343 Worksheet 3 Solution

June 15, 2020

1. **Exercise 6.1.1**:

   If there is a comma between A and B (i.e, *SELECT A, B*), we can conclude A and B are two different attributes.

   If there are no commas between A and B, we can conclude B is an alias of A.

2. **Exercise 6.1.2**:

   a) SELECT address FROM Studio WHERE name = 'MGM';

   b) SELECT birthdate FROM MovieStar WHERE name = 'Sandra Bullock';

   c) SELECT starName FROM StarsIn WHERE movieYear = 1980, movieTitle LIKE '%Love%';

   > **Correct Solution:**
   >
   > SELECT starName FROM StarsIn WHERE movieYear = 1980 AND movieTitle LIKE '%Love%';

   d) SELECT name FROM MovieExec WHERE netWorth >= 10000000;

   e) SELECT name FROM MovieStar WHERE gender='male' OR address LIKE '%Malibu%';

3. **Exercise 6.1.3**:

   a) SELECT model, speed, hd FROM PC WHERE price < 1000;

   b) SELECT model, speed AS gigahertz, hd AS gigabytes FROM PC WHERE price < 1000;

   c) SELECT maker FROM Product WHERE type='printer';

   d) SELECT model, ram, screen FROM Laptops WHERE price > 1500;

   e) SELECT * FROM Printer WHERE color=TRUE;

f) SELECT model, hd FROM PC WHERE speed = 3.20 AND price < 2000;

4. **Exercise 6.1.4**:

a) SELECT class, country FROM Classes where numGuns >= 10;