

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;