

# 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;`