

CSE 344 Section 1 Worksheet

3 Valued-Logic

Given the table created with these commands:

```
CREATE TABLE A (a int, b int);  
INSERT INTO A VALUES (1, 1), (2, 10), (3, NULL);
```

What is the output for each of the following:

```
SELECT A.a FROM A  
WHERE A.b < 5;
```

1

```
SELECT A.a FROM A  
WHERE A.b >= 5;
```

2

```
SELECT A.a FROM A  
WHERE A.b != 1 AND  
A.b != 10;
```

[no output]
(3, NULL) returns unknown for
both conditions due to
3-value logic.

```
SELECT A.a FROM A  
WHERE A.b < 5 OR  
A.b IS NULL;
```

1
3
(3, NULL) returns true on the
second condition only