

Darius Dickerson

## SQL Assignment #1

- What is highlighted in yellow is what was changed from Selectstarsql.com

### **Beazley's Last Statement**

1. Select first\_name, last\_name, last\_statement  
FROM executions  
LIMIT 3
2. SELECT first\_name FROM executions LIMIT 3
3. SELECT 50 / 2, 51 / 2
4. SELECT first\_name, last\_name, ex\_age  
FROM executions  
WHERE ex\_age <= 25
5. SELECT first\_name, last\_name, ex\_number  
FROM executions  
WHERE first\_name = 'Raymond'  
AND last\_name LIKE '%Landry%'
6. SELECT 0 AND (0 OR 1)

7. SELECT last\_statement  
FROM executions  
WHERE first\_name = 'Napoleon'  
AND last\_name = 'Beazley'

### Claims of Innocence

1. SELECT COUNT(last\_statement) FROM executions
2. SELECT (0 IS NOT NULL) AND (' IS NOT NULL)
3. SELECT COUNT(ex\_number) FROM executions
4. SELECT  
COUNT(CASE WHEN county='Harris' THEN 1  
ELSE NULL END),  
COUNT(CASE WHEN county='Bexar' THEN 1  
ELSE NULL END)  
FROM executions
5. SELECT COUNT(\*)  
FROM executions  
WHERE ex\_age > 50
6. SELECT COUNT(\*)  
FROM executions  
WHERE last\_statement IS NULL
7. SELECT MIN(ex\_age), MAX(ex\_age), AVG(ex\_age). FROM executions

8. SELECT AVG(LENGTH(last\_statement))  
FROM executions
9. SELECT DISTINCT county  
FROM executions
10. SELECT  
1.0 \* COUNT(CASE WHEN last\_statement LIKE '%innocent%'  
THEN 1 ELSE NULL END) / COUNT(\*)  
FROM executions

### Long Tails

1. SELECT  
last\_statement IS NOT NULL AS has\_last\_statement,  
county,  
  
COUNT(\*)  
  
FROM executions  
GROUP BY has\_last\_statement, county
2. SELECT county,  
COUNT(\*)  
FROM executions  
WHERE ex\_age >= 50  
GROUP BY county
3. SELECT county

```
FROM executions
WHERE ex_age >=50
GROUP BY county
HAVING COUNT(*) > 2
```

```
4. SELECT DISTINCT county
    FROM executions
    GROUP BY county
```

```
5. SELECT first_name, last_name
    FROM executions
    WHERE LENGTH(last_statement) =
      (SELECT MAX(LENGTH(last_statement))
       FROM executions)
```

```
6. SELECT
    county,
    100.0 * COUNT(*) / (SELECT COUNT(*) FROM executions)
    AS percentage
    FROM executions
    GROUP BY county
    ORDER BY percentage DESC
```

### Execution Hiatuses

```
1. SELECT JULIANDAY('1993-08-10') - JULIANDAY('1989-07-07') AS
    day_difference
```

```
2. SELECT
```

ex\_number + 1 AS ex\_number,

ex\_date AS last\_ex\_date

FROM executions

WHERE ex\_number < 553