

SQL Reporting by Example Part 2 Notes

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1 Calculating School Capacity

2 The Biggest Room

3 Subjects in the Big Room

4 8th Grade Teachers

5 7th Grade Teachers

6 Elective Teachers

7 Quiz 1

1. What should be added to this query to only return 1 row per employee?

```
SELECT ___ FIRST_NAME, LAST_NAME  
FROM EMPLOYEES JOIN ...
```

Answer: DISTINCT

2. If I'm making a database of houses in my neighborhood, what would make a good primary key?

- A. the current owner's first and last name
- B. the floor plan
- C. the last sale price
- D. the address

Answer: D

3. Write a query to figure out the highest employee salary. The column is 'SALARY'.

```
SELECT ___ FROM EMPLOYEES;
```

Answer: MAX(SALARY)

4. What does this return:

```
SELECT NULL = NULL;
```

- A. True (or 1)
- B. False (or 0)
- C. Null
- D. None of the above

Answer: C

5. What does this return:

When a table contains a column that refers to another table's primary key, that column is called:

- A. referral key
- B. foreign key
- C. major key
- D. secondary key

Answer: B