

SQL Reporting by Example Part 1 Notes

Team Treehouse

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1 Introduction

2 Learning the Database

3 Listing Subjects

4 Counting Students

5 Finding the ID

6 Listing Teachers

7 ‘A’ Students

8 Orientation Quiz

1. Which of these is used to select everything?

- A. *
- B. ^
- C. #
- D. None of the above

Answer: A

2. Which of the following examples could be the results for this query:

```
1 SELECT FIRST\_NAME , LAST\_NAME
2 FROM EMPLOYEES
3 ORDER BY LAST\_NAME
4
```

A. FIRST NAME | LAST_NAME

Michael | Fraser

Mary | Kerr

Lucas | Scott

Ava | Piper

Andrea | Ogden

B. FIRST NAME | LAST_NAME

Michael | Fraser

Mary | Kerr

Andrea | Ogden

Ava | Piper

Lucas | Scott

C. FIRST NAME | LAST_NAME

Lucas | Scott

Ava | Piper

Andrea | Ogden

Mary | Kerr

Michael | Fraser

D. FIRST NAME | LAST_NAME

Andrea | Ogden

Ava | Piper

Lucas | Scott

Mary | Kerr

Michael | Fraser

Answer: B

3. Which of these will return a count of the teachers?

- A. `SELECT COUNT(*) FROM TEACHERS;`
- B. `SELECT COUNT(1) FROM TEACHERS;`
- C. `SELECT COUNT(FIRST_NAME) FROM TEACHERS;`
- D. All of the above

Answer: D

4. Please fill in the correct answer in each blank provided below.

```
SELECT * FROM STUDENTS
WHERE LAST_NAME ___;
```

Answer: `LIKE '%x'`

5. Please fill in the correct answer in each blank provided below.

```
SELECT FIRST_NAME, LAST_NAME, SALARY
FROM EMPLOYEES
___;
```

Answer: `ORDER BY SALARY DESC`