

Your grade: 80%

Your latest: 80% • Your highest: 80% • To pass you need at least 70%. We keep your highest score.

Next item →

1. Assume an INSTRUCTOR table exists with columns including FIRSTNAME, LASTNAME, and others. What would be the most likely result set for the query:

1 / 1 point

SELECT DISTINCT FIRSTNAME FROM INSTRUCTOR

- ☐ LEON  
LEON  
PAUL  
PAUL  
☒ LEON  
PAUL  
JOE  
☐ LEON  
PAUL  
LEON  
JOE  
☐ LEON KATSNELSON  
PAUL ZIKOPOLOUS  
JOE SANTARCANGELO

✓ Correct  
Correct! The DISTINCT keyword is used to return only distinct or different rows.

2. UPDATE INSTRUCTOR SET LASTNAME = 'Brewster' WHERE LASTNAME = 'Smith'

1 / 1 point

- ☐ Updates all rows in the table to have the last name 'Smith.'  
☐ Changes the last name of the instructor named 'Brewster' to 'Smith.'  
☐ Updates all rows in the table to have the last name 'Brewster.'  
☒ Changes the last name of all instructors named 'Smith' to 'Brewster.'

✓ Correct  
Correct! This statement updates the last name of all instructors named 'Smith' to 'Brewster.'

3. What would occur if you executed a DELETE FROM statement on a table without the WHERE clause?

1 / 1 point

- ☒ The command would remove all entries in the table, leaving it empty but still present in the database.  
☐ The command would result in an error.  
☐ The command would only delete the first entry in the table.  
☐ The command would delete the table from the database.

✓ Correct  
Correct! Without the WHERE clause, the DELETE statement removes all entries from a table, leaving it empty in the database.

4. What is the expected result of the following SQL statement?

0 / 1 point

SELECT COUNT(DISTINCT FIRSTNAME) FROM INSTRUCTOR

- ☒ Only the distinct FIRSTNAME entries.  
☐ The number of unique FIRSTNAME entries in the INSTRUCTOR table.  
☐ The statement would throw an error.  
☐ The count of unique entries along with the distinct FIRSTNAME entries.

✗ Incorrect  
Incorrect. Refer to the video on COUNT, DISTINCT, LIMIT.

5. Considering the execution of the following SQL statement, what would be the expected output?

1 / 1 point

SELECT \* FROM INSTRUCTOR WHERE LASTNAME='Smith' LIMIT 5

- ☐ The first 5 rows from the INSTRUCTOR table.
- ☐ The last 5 rows from the INSTRUCTOR table.
- ☐ The last 5 entries in the INSTRUCTOR table where LASTNAME is 'Smith.'
- ☒ The first 5 entries in the INSTRUCTOR table where LASTNAME is 'Smith.'



**Correct**

Correct! The WHERE clause filters the results based on the LASTNAME, and the LIMIT clause restricts the output to the first 5 rows.