

2.MySQL (Week 10.1) - Set - 2

Total points 15/15

Email *

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✓ If a table has no matching records in another table, which join will still return records from the first table? *1/1

- ☐ A) RIGHT JOIN
- ☒ B) LEFT JOIN ✓
- ☐ C) INNER JOIN

✓ Which constraint is used to prevent duplicate values in a column? * 1/1

- ☐ A) Primary Key
- ☐ B) Foreign Key
- ☒ C) Unique Key ✓

✓ Which DML command is used to remove data from a table without deleting the table structure? *1/1

- ☒ A) DELETE ✓
- ☐ B) DROP
- ☐ C) TRUNCATE

✓ Which SQL statement can create a Primary Key constraint? * 1/1

- ☒ A) CREATE TABLE ✓
- ☐ B) INSERT INTO
- ☐ C) DROP TABLE

✓ What is a key characteristic of a Primary Key? * 1/1

- ☐ A) Allows NULL values
- ☒ B) Ensures unique identification of records ✓
- ☐ C) Used only for temporary tables

✓ In SQL, what is the result of a CROSS JOIN? * 1/1

- ☐ A) Returns only matching records
- ☒ B) Returns the Cartesian product of both tables ✓
- ☐ C) Returns NULL for unmatched records

✓ Which SQL statement is used to retrieve data from a database? * 1/1

- ☒ A) SELECT ✓

- ☐ B) INSERT
- ☐ C) CREATE

✓ Which statement is classified as a DCL (Data Control Language) command? *1/1

- ☒ A) GRANT ✓
- ☐ B) SELECT
- ☐ C) UPDATE

✓ Which command is used to permanently save all the changes made during a transaction? *1/1

- ☐ A) SAVEPOINT
- ☒ B) COMMIT ✓
- ☐ C) ROLLBACK

✓ Which SQL join combines all records from both tables, even if there are no matches? *1/1

- ☐ A) CROSS JOIN
- ☒ B) FULL OUTER JOIN ✓
- ☐ C) INNER JOIN

✓ In SQL, a Foreign Key is used to: * 1/1

- ☐ A) Delete duplicate records
- ☒ B) Establish a relationship between tables ✓
- ☐ C) Create indexes

✓ Which join returns only the matching records from both tables? * 1/1

- ☒ A) INNER JOIN ✓
- ☐ B) LEFT JOIN
- ☐ C) RIGHT JOIN

✓ Can a Foreign Key contain NULL values? * 1/1

- ☒ A) Yes ✓
- ☐ B) No
- ☐ C) Only if explicitly defined

✓ Which SQL clause is used to filter records based on specific conditions? * 1/1

- ☒ A) WHERE ✓
- ☐ B) GROUP BY
- ☐ C) HAVING

✓ When using an SQL join, which operator is used to specify the relationship between the columns? *1/1

- ☒ A) ON ✓
- ☐ B) IN
- ☐ C) LIKE

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