

# 31 Lecture - CS403

## Important Mcqs

1. **What is the purpose of an Inner Join in SQL?**

- a. To combine all rows from two tables
- b. To combine matching rows from two tables
- c. To combine non-matching rows from two tables
- d. None of the above

**Answer: b. To combine matching rows from two tables**

**What is the syntax for an Inner Join in SQL?**

- a. `SELECT * FROM table1, table2 WHERE table1.column = table2.column`
- b. `SELECT * FROM table1 JOIN table2 ON table1.column = table2.column`
- c. `SELECT * FROM table1 INNER JOIN table2 ON table1.column = table2.column`
- d. Both b and c

**Answer: d. Both b and c**

**Which of the following types of join can result in NULL values?**

- a. Inner Join
- b. Left Join
- c. Right Join
- d. Full Outer Join

**Answer: d. Full Outer Join**

**In an Inner Join, what happens if there are duplicate values in the matching columns?**

- a. Only one row is returned for each duplicate value
- b. All rows with duplicate values are returned
- c. An error is thrown
- d. None of the above

**Answer: b. All rows with duplicate values are returned**

**Which of the following is an example of an Inner Join condition?**

- a. `table1.column1 = table2.column2`
- b. `table1.column1 <> table2.column2`
- c. `table1.column1 > table2.column2`
- d. Both b and c

**Answer: a. `table1.column1 = table2.column2`**

**In an Inner Join, what is the result if there are no matching values in either table?**

- a. All rows from both tables are returned
- b. No rows are returned
- c. Only the rows from the first table are returned
- d. Only the rows from the second table are returned

**Answer: b. No rows are returned**

**What is the difference between an Inner Join and a Left Join?**

- a. Inner Join returns only matching rows, while Left Join returns all rows from the left table and

matching rows from the right table

b. Inner Join returns all rows from both tables, while Left Join returns only matching rows

c. Inner Join and Left Join are the same thing

d. None of the above

**Answer: a. Inner Join returns only matching rows, while Left Join returns all rows from the left table and matching rows from the right table**

**Which of the following keywords is used in an Inner Join to specify the columns to join on?**

a. ON

b. WHERE

c. JOIN

d. FROM

**Answer: a. ON**

**Which of the following operators is used in an Inner Join to combine multiple conditions?**

a. AND

b. OR

c. NOT

d. XOR

**Answer: a. AND**

**Which of the following statements is true about the order of tables in an Inner Join?**

a. The order does not matter

b. The first table listed is always the left table

c. The second table listed is always the right table

d. Both b and c

**Answer: a. The order does not matter.**