

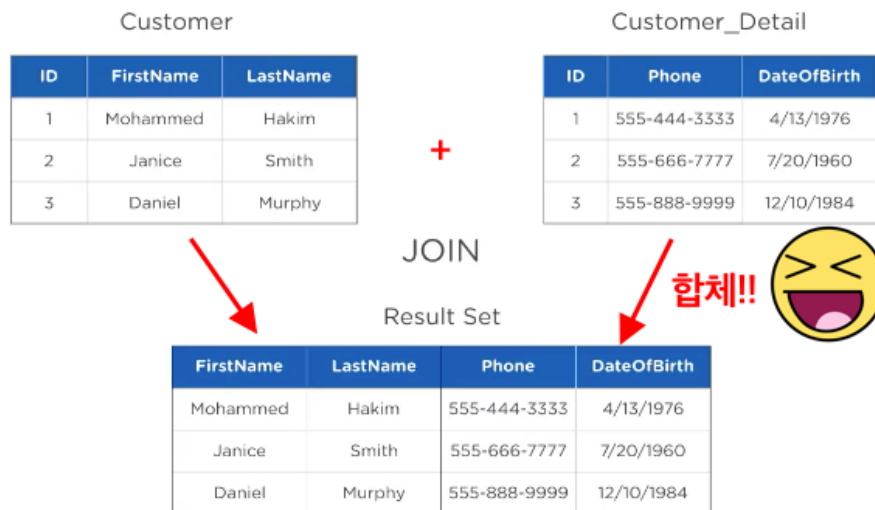
Querying Relational Databases Part 4 Notes

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1 Join Queries

- Joins two tables into one
- Is used in tables with one to one relationship



2 Inner Joins

- Is most common type of JOIN
- Is used for joining one to many relationships

- **Syntax:** `SELECT columns name FROM table 1 (many) name INNER JOIN table 2 (one) name ON table 1 name.column name = table 1 name.column name;`

Example:

```
1 SELECT mk.MakeName = md.ModelName FROM make AS mk
2 INNER JOIN model AS md ON mk.MakeId = md.MakeId;
3
```

```
1 -- SELECT <columns> FROM <table1> INNER JOIN <table2> ON <equality criteria>
2 -- WHERE <search criteria> ...
3
4 -- What are all Chevy models?
5
6 SELECT mk.MakeName, md.ModelName FROM make AS mk
7 INNER JOIN model AS md ON mk.MakeID = md.MakeID
8 WHERE MakeName = "Chevy";
```

MakeName	ModelName
Chevy	Impala
Chevy	Cruze
Chevy	Colorado