

Data Manipulation Language (DML)

A data manipulation language (DML) is a family of syntax elements similar to a Computer programming language used for selecting, inserting, deleting and updating data in a database.

- DML also known as query language
- Two classes of languages
 - A- Procedural

user specifies what data is required and how to get those data

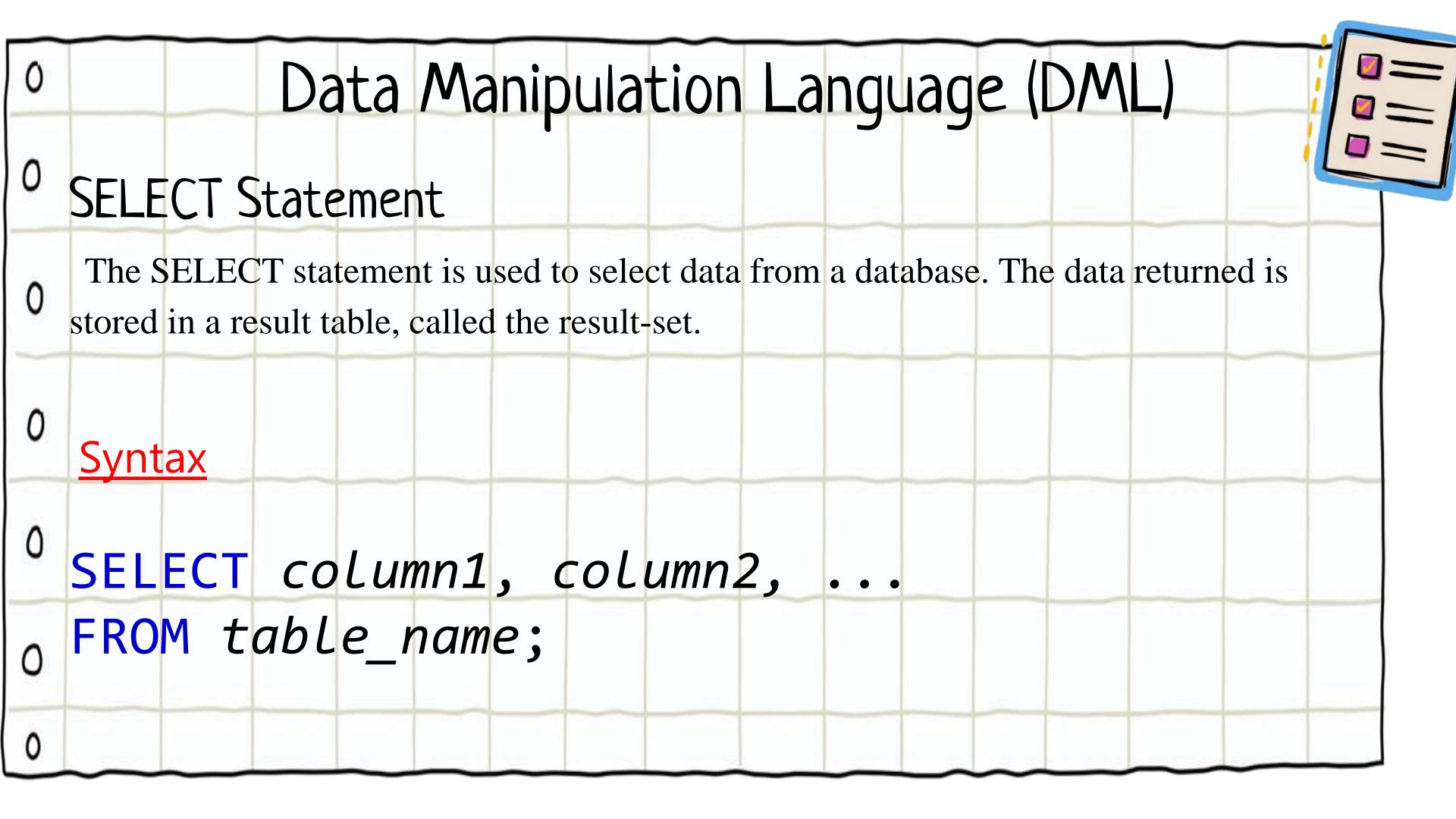
B- Nonprocedural

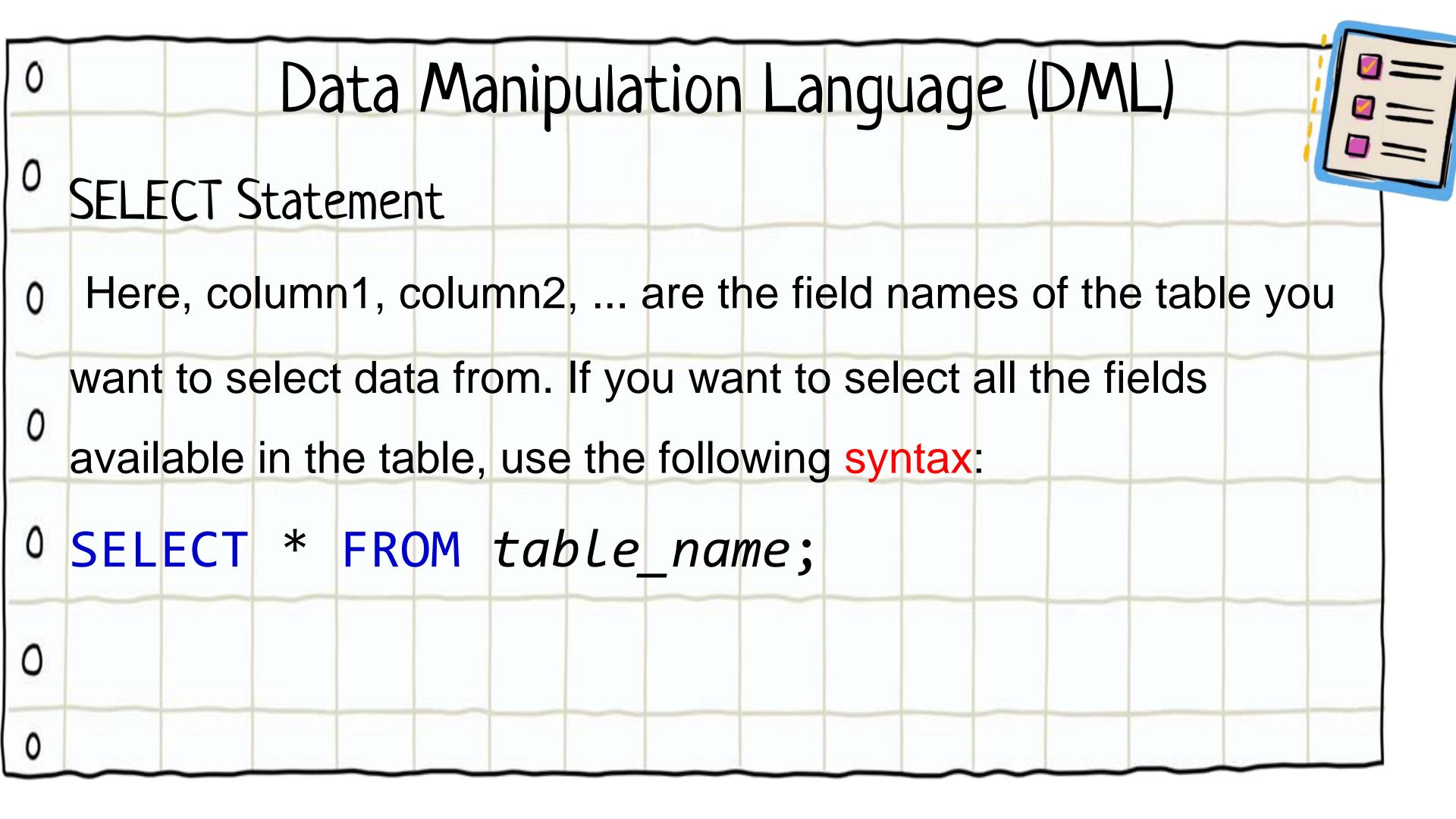
user specifies what data is Required without specifying how to get those data

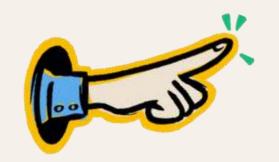
Data Manipulation Language (DML)

DML is a sub-language of SQL. It is used to manipulate the data stored in a table.

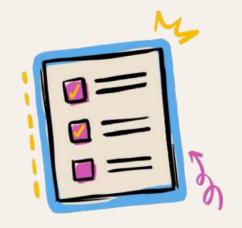
- DML provides the following statements for data manipulation:
- > SELECT
- > INSERT
- > UPDATE
- > DELETE







Data Manipulation Language (DML)



SELECT Statements

WHERE Pase

The WHERE clause is used to filter records.

Syntax

```
SELECT column1, column2, ... FROM table_name
WHERE condition;
```

For Example

```
SELECT * FROM Customers WHERE Country = 'Mexico';
```

Operators in The WHERE Clause

		$\epsilon 3$	
1	=	Equal	
	<>	Not Equal	
7	>	Greater than	
	<	Less than	
	>=	Greater than or equal	
	<=	Less than or equal	

INSERT Statement

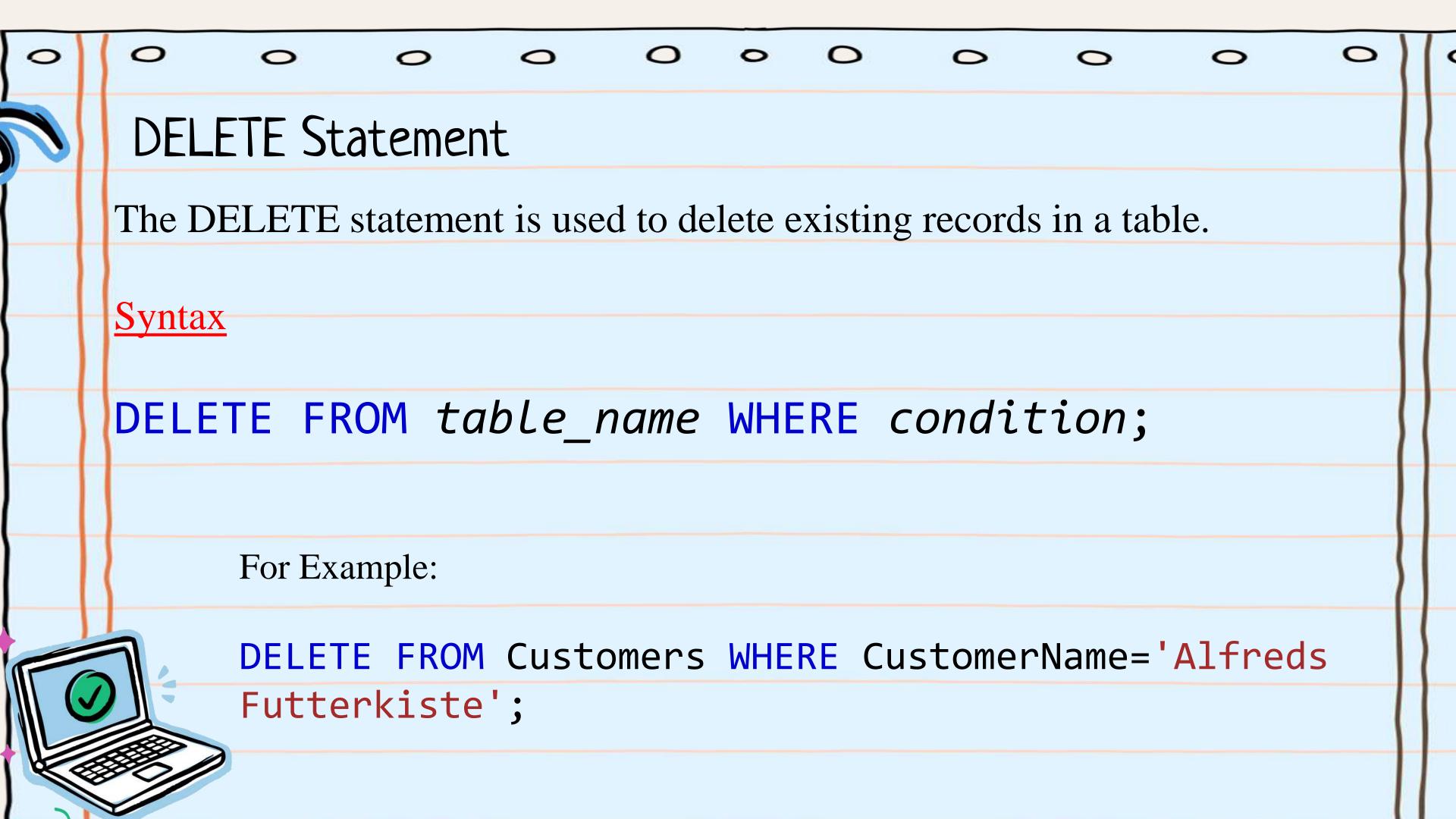


INSERT statement is used to Insert a new record into a table.

Syntax

INSERT INTO table_name (column1, column2, ...)

VALUES (value1, value2, value3, ...);





THANK YOU

Do You have any question!