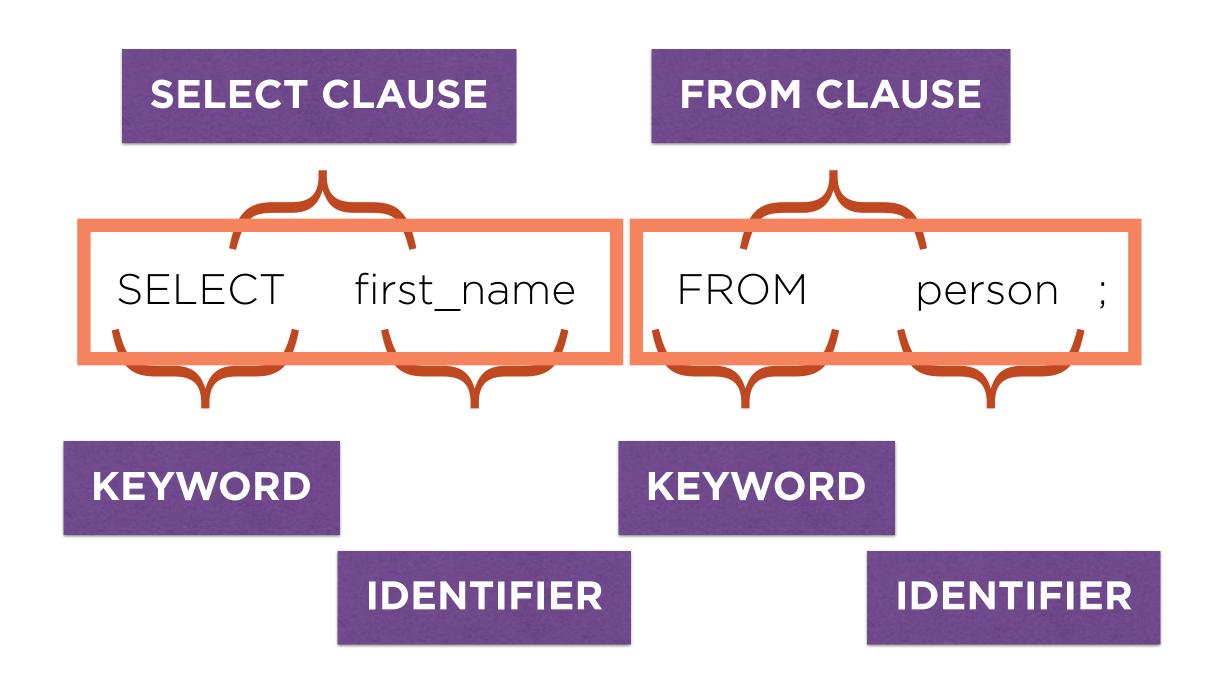
Understanding Basic SQL Syntax



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A SQL Statement is an expression that tells a database what you want it to do.



id	first_name	last_name
1	Jon	Flanders

SELECT

Retrieves one or more rows from one or more tables

SELECT first_name, last_name FROM contacts;

INSERT

id	first_name	last_name	
1	Jon	Flanders	
2	Fritz	Onion	

Adds one or more rows into a table

INSERT INTO contacts (first_name, last_name)

VALUES ('Fritz','Onion');

id	first_name	last_name
1	Jon	Alaenders

UPDATE

Modifies one or more rows in a table

UPDATE contacts **SET** last_name = 'Ahern' WHERE id = 1;

id	first_name	last_name	
1	Jon	Flanders	
2	Fritz	Onion	

DELETE

Removes one or more rows from one table

DELETE FROM contacts where id = 2;

More on these commands in later modules!

Course Housekeeping I'll be using MySQL

ANSI SQL Only

SQL Keywords will be in upper-case

Table names will be singular

Column names will never be repeated

Summary

Once you understand the basics of SQL