

SQL

Declarative languages, also called nonprocedural or very high level, are programming languages in which (ideally) a program specifies **what is** to be done rather than how to do it.

statement
↓

SELECT

FROM

clause
↓

WHERE

ORDER BY

LIMIT

Wille Kolonnen
Header
↓

SELECT lastName **AS** ln, firstName **AS** fn

FROM employees ← label

WHERE jobtitle = 'Sales Rep';

alias
↖ ↗

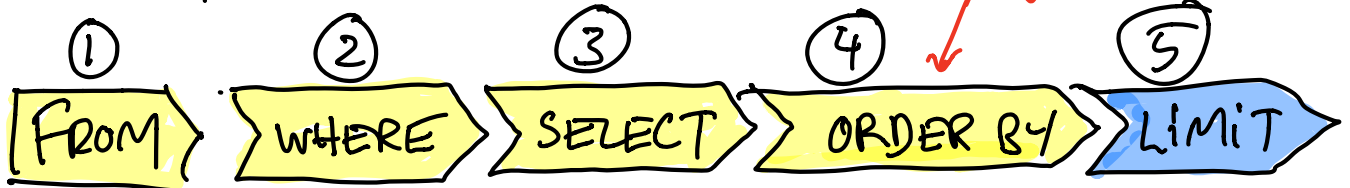
ORDER BY ln

alias

LIMIT 10, 20 ← row count

offset (optional)

How it works:



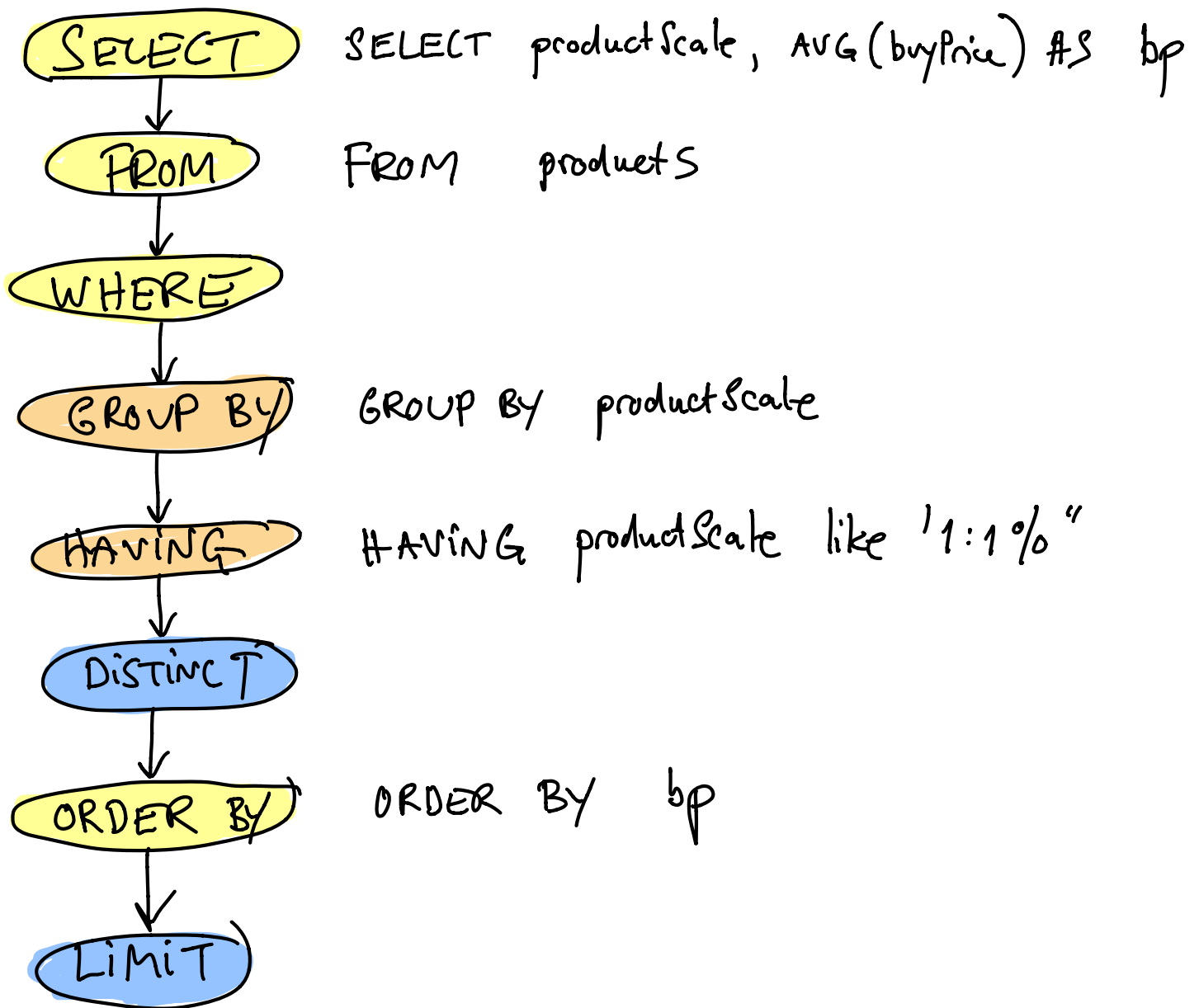
sorting
↓

WHERE
↑
clause
"Vorsatz"

logical operator
↓
firstName = 'Jürgen' AND lastName = 'Jonke';

① ← predicates → ②

boolean expression
true / false



How it works :

