

Filtering data in SQL

Most recent

Sorting → Oldest

order by date desc

limit

Select

=====

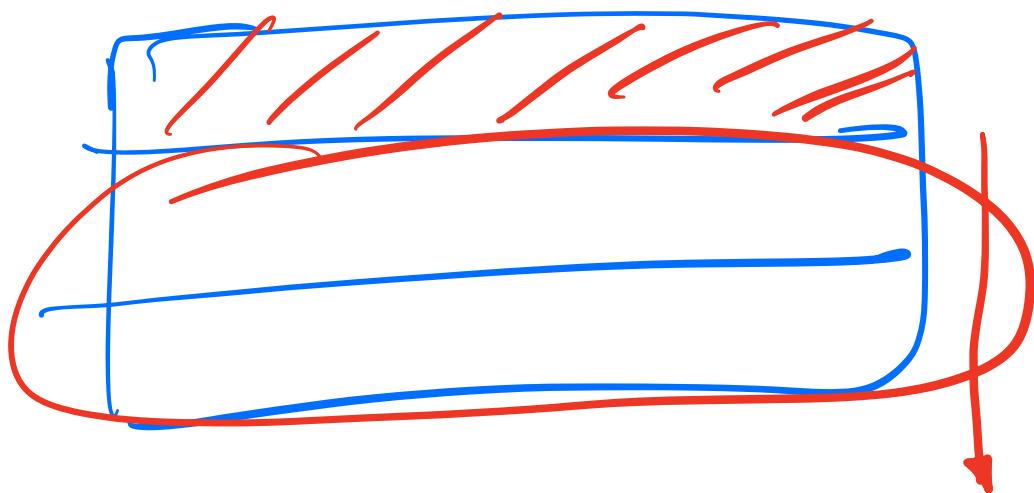
from _____

order by _____

limit 

(g.2) 2nd & 3rd most recent order.

Offset 1 → Skip 1 row from
top



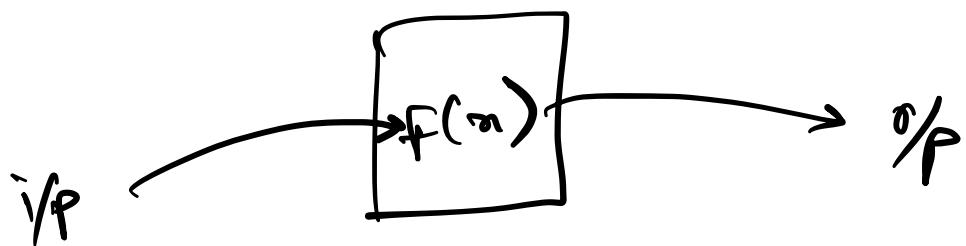
1 apple \rightarrow Rs 50

qty	per-unit	Amount
10 apples	50	<u>500</u>

qty x per-unit

alias (AS)

* functions in SQL



function-name (param1, param2 ...)

ROUND (453.694 , 2)



453.69

Concatenation → Concat()

Concat (" hi ", "everyone")



Hi everyone

f-n l-n full-name
"Jane" "Connor" → "Jane Connor"

(@)

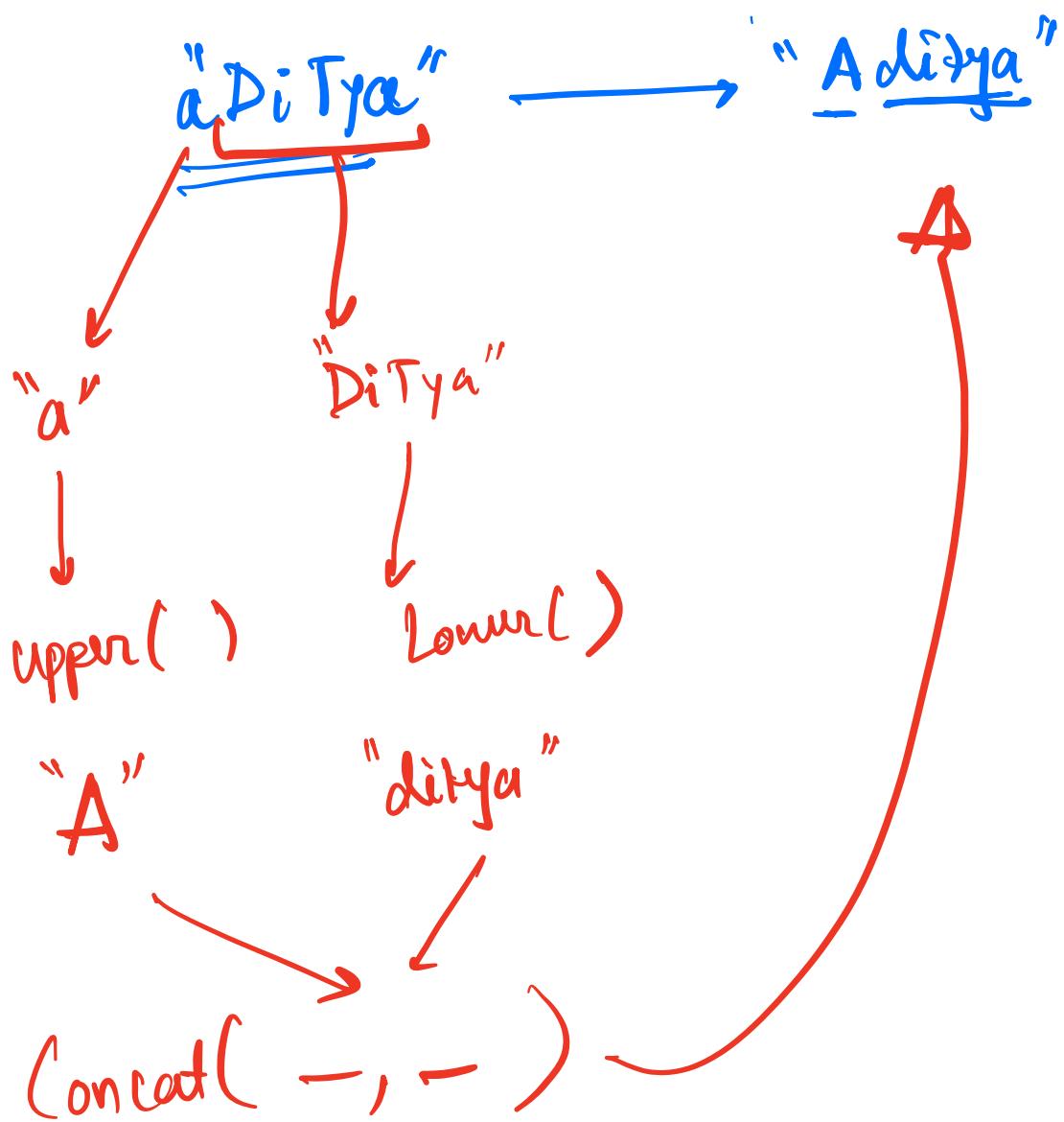
"Jane" "Connor" → "JANE Connor"

A large, hand-drawn oval containing the name "Aditya J." in black ink. The name is written in a cursive style, with "Aditya" on the left and "J" on the right, both underlined. The entire name is enclosed within a thick, irregular oval border.

$f \circ n$ $l \circ n$
"Jane" "Connor" \longrightarrow "Jane C"

Substring → SUBSTR (value, position, length)
↓ ↓ |
"Jane", 1, 1
 |
 "J"

SUBSTR ("Jane", 2, 2)
↓
"an"



"Aditya"

"John"

Substr("Aditya", 2)

Filtering

(WHERE)

Select

from

where

order by

limit

equals \rightarrow $=$

$=$

\neq

not equal \neq , \neq

"Aditya"

1 2 3 4 5 6
-6 -5 -4 -3 -2 -1

L \leftarrow R

("Jesse", $-4, \frac{2}{5}$)

↓
"es"
 $=$

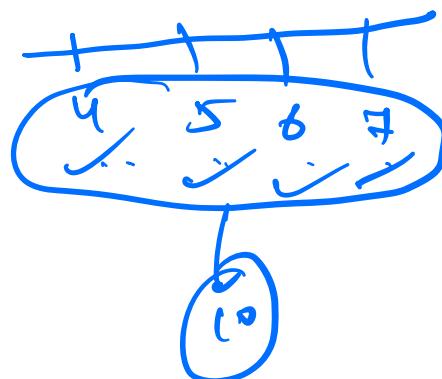
* Multiple Conditions

AND

OR

NOT

pid → 3 8
 x x



pid → 10

(pid > 3 AND pid < 8) OR pid = 10

		AND
C1	C2	
T	T	T
T	F	F
F	T	F
F	F	F

* pid Between 4 AND 7

Select

*

from vba

where (v-id = 7)

AND

(market-date >= "2019-04-03")

AND

market-date <= "2019-05-18")



where (v-id = 7) AND

(market-date BETWEEN

a AND b)

inclusive of range

IN \Rightarrow whenever you're given
a list of values to
filter for

l-name IN (✓ ✓ ✓)
 (—, —, —)