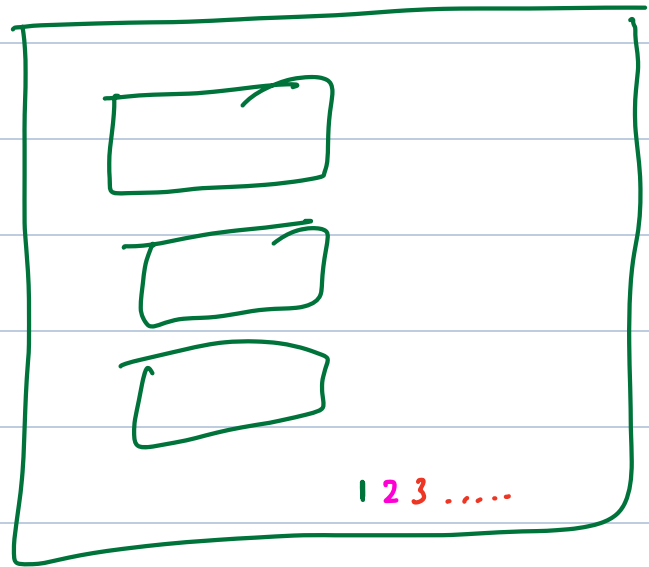


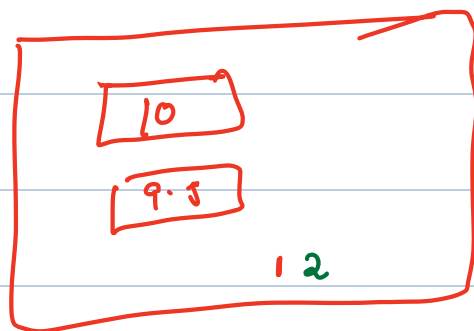
## Filtering Data in SQL

select \* from  
flight LIMIT 3



t1 →  
cl  
10  
9.5  
9  
8  
7

select \* from t1  
Limit 2  
Offset 2



Zomato or Swiggy

Chicken Butter Masalla : 200

Rice : 100

Tax : 20.56

Total : 320.56

Round off : 321

Break : 10:12 PM

15 minutes  
1 hr

First Name	Last Name
Shivank	Agrawal
Sumana	Adak

Hi Shivank Agrawal,

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Hi Sumana Adak,

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

First Name	Last Name
Shivank	Agrawal
Sumana	Adak

Jan - 2020  
concat (month, "-", year)

↓ ↓ ↓ ↓ ↓  
1 2 3 5 7  
Agrawal  
↑ ↓  
4 6

substr (LastName, 1, 2)

↓ ↓  
Agrawal

concat (substr (ln, 1, 1), substr (ln, 2, 1),

Shivank agrawal  
Shivank Agrawal

"S", "Agrawal", "  
"A", "grawal"

CONCAT ( upper (substr ("shivank", 1, 1)),  
lower (substr ("shivank", 2),  
" " )

upper (substr ("agraval", 1, 1)),  
lower (substr ("agraval", 2)))

1 2 3 4 5 6 7  
Shivank  
↓ ↓ ↓ ↓ ↓ ↓ ↓  
-6 -4 -2  
-7

Substr("shivank", -6, 2)

-4, 2

walked  
↓ ↓ ↓ ↓ ↓  
-6 -5 -4 -2  
-4

-3 -1  
↓ ↓  
Jessy  
↓ ↓ ↓  
-5 -4 -2

-4, 2

brayn  
↓ ↓ ↓ ↓ ↓  
5 -3 -2 -1  
-4

substr(cust\_name, -4, 2)

" 1 2 3 4 5 "

A m e e n

-5 -4 -3 -2 -1

Substr("Ameen", -2, 1)

Shivank Agrawal

Concat ( Substr ("Agrawal", 1),  
Substr ("shivank", 1) )

making trip  
↓

From	To	Dept Date	Class
Delhi	Bglr	26 <sup>th</sup> Aug	Economy
Delhi	Mumbai	25 <sup>th</sup> Aug	—
Mumbai	Bglr	26 <sup>th</sup> Aug	—
Delhi	Bglr	27 <sup>th</sup> Aug	—

Select \* from maketrip  
where from = "Delhi" AND  
to = "Bglr"

Select \* from maketrip  
where from = "Delhi" OR  
to = "Bglr"

↓

"Delhi"  
'Delhi'

"Shivank" ✓  
'shivank' ✓



"Shivank's"  
'Shivank's'

make my trip  
↓

From	To	Dept Date	Class
Delhi	Bglr	26 <sup>th</sup> Aug	Economy
Delhi	Mumbai	25 <sup>th</sup> Aug	—
Mumbai	Bglr	26 <sup>th</sup> Aug	—
Delhi	Bglr	27 <sup>th</sup> Aug	—

select \* from make my trip  
where from != "Delhi"

select \* from make my trip  
where from <> "Delhi"

make my trip  
↓

From	To	Dept Date	Class
Delhi	Bglr	26 <sup>th</sup> Aug	Economy
Delhi	Mumbai	25 <sup>th</sup> Aug	—
Mumbai	Bglr	26 <sup>th</sup> Aug	—
Delhi	Bglr	27 <sup>th</sup> Aug	—

select \* from make my trip  
where (from = "Delhi" and to = "Bglr")  
or Dept-date = "26<sup>th</sup> Aug"

Wildcard

Bangl

Bangl %

city

Banglore

Bangla

→ Delhi

→ Delhi

Bangore

Bangl

Delhie

delho

select \* from makethis  
where city like "Bangl%"

where city like "D%"  
city like "%l%"

Delh\_ \_

col 1	col 2
20	1
10	3
.	.
20	5
10	6

col 1 desc, col 2 desc

col 1	col 2
20	5
20	1
10	8
10	3