

- new:
- ◆ BETWEEN AND
  - ◆ LIKE
  - ◆ NOT
  - ◆ %
  - ◆ IN
  - ◆ !=

customers		
name	rating	country
Maria Sousa	9.2	Brazil
Paul Wagner	8.7	Germany
Sara Sato	8	Japan
Louis Martin	9	France

- script.sql
- ```
SELECT *
FROM customers
WHERE rating BETWEEN 9 AND 10; -- 9 ≤ x ≤ 10
```

| customers    |        |         |
|--------------|--------|---------|
| name         | rating | country |
| Maria Sousa  | 9.2    | Brazil  |
| Louis Martin | 9      | France  |

- ```
SELECT *
FROM customers
WHERE name LIKE 'M%'; -- starting with letter T
```

customers		
name	rating	country
Maria Sousa	9.2	Brazil

- LIKE will only accept text values
- % wildcard:
- ◆ 'letter%' -- starting with letter
  - ◆ '%letter' -- ending with letter
  - ◆ '%letter%' -- contains letter

◆ `'letter'` -- only contains letter

```
SELECT *  
FROM customers  
WHERE name NOT LIKE '%Mar%';
```

customers		
name	rating	country
Paul Wagner	8.7	Germany
Sara Sato	8	Japan

```
SELECT *  
FROM customers  
WHERE country IN ('France', 'Germany');
```

customers		
name	rating	country
Paul Wagner	8.7	Germany
Louis Martin	9	France

```
SELECT *  
FROM customers  
WHERE country = 'Japan'  
AND rating = 8;
```

customers		
name	rating	country
Sara Sato	8	Japan

```
SELECT *  
FROM customers  
WHERE country = 'Japan'  
OR rating = 8.7;
```

customers		
name	rating	country
Paul Wagner	8.7	Germany
Sara Sato	8	Japan

## PROJECTS

→ ANALYZE SURVEY DATA (EASY):

survey	
platform	satisfaction
desktop	4
ios	6
android	7
desktop	5
android	3

```
SELECT DISTINCT platform
FROM survey
WHERE satisfaction BETWEEN 4 AND 6;
```

survey	
platform	
desktop	
ios	

→ ONLINE SHOPPING (EASY):

clothing		
type	description	price
shirt	oversized, floral pattern	80
jeans	distressed, cropped	63
dress	short, floral embroidery	55
jacket	slim-fit, waterproof	110

```
SELECT *
FROM clothing
WHERE description LIKE '%floral%';
ORDER BY price;
```

clothing		
type	description	price
dress	short, floral embroidery	55
shirt	oversized, floral pattern	80

→ FIND MUSIC ALBUMS (EASY):

albums	
title	artist
Kind Of Blue	Miles Davis
Rumors	Fleetwood Mac
Blue	Joni Mitchel
Horses	Patti Smith

```
SELECT title
FROM albums
WHERE artist IN ('Patti Smith', 'Miles Davis')
ORDER BY title;
```

albums	
title	
Horses	
Kind Of Blue	

→ GET YOUR NEWS (EASY):

news		
article	tag	days_ago
Solar Storms	#science	2
All About NFTs	#tech	0
Mars Touchdown	#science	4
Beautiful Soup	#food	1

```

SELECT *
FROM news
WHERE tag IN ('#science', '#food')
AND days_ago <= 2
ORDER BY days_ago;

```

news		
article	tag	days_ago
Beautiful Soup	#food	1
Solar Storms	#science	2

→ PERSONAL PLAYER (EASY):

planner		
task	priority	days_left
draft article	medium	2
water cactus	low	0
calculate	high	3

```

SELECT task
FROM planner
WHERE priority = 'high'
OR days_left <= 1;

```

planner	
task	
water cactus	
calculate	

→ FIND YOUR WORKOUT (EASY):

workout	
target	intensity
abs	medium
legs	high
back	low

```
SELECT target
FROM workout
WHERE target NOT IN ('abs', 'arms')
AND intensity <> 'low';
```

workout	
target	intensity
legs	high