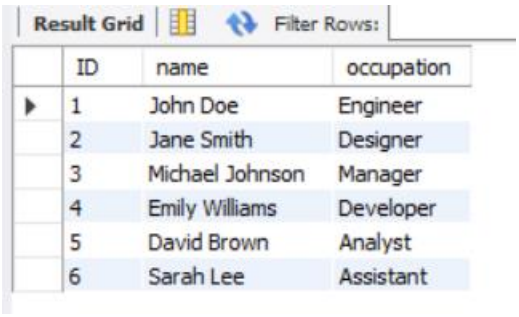
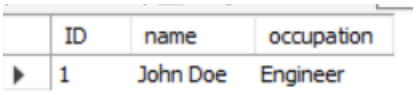
1. Practice (%, _, [], ^,-, {}) with 10 example (like, wildcard)

Table:



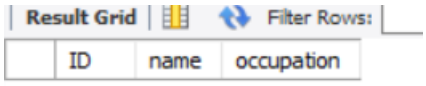
	ID	name	occupation
▶	1	John Doe	Engineer
	2	Jane Smith	Designer
	3	Michael Johnson	Manager
	4	Emily Williams	Developer
	5	David Brown	Analyst
	6	Sarah Lee	Assistant

Using %



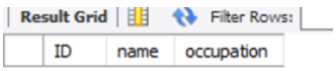
	ID	name	occupation
▶	1	John Doe	Engineer

Using _



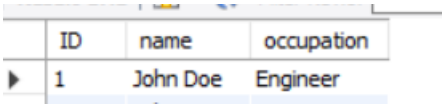
	ID	name	occupation

Using [] Using ^Using {} Using -



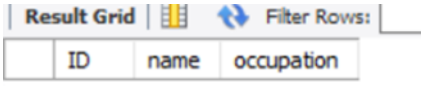
	ID	name	occupation

Combining special



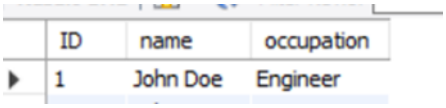
	ID	name	occupation
▶	1	John Doe	Engineer

**Using escape character **



	ID	name	occupation

word boundary



	ID	name	occupation
▶	1	John Doe	Engineer

Using ()

ID	name	occupation
1	John Doe	Engineer

2. Create a worker table with first_name, last_name, salary and

write a query to show list of worker who's salary is greater than average salary. (Using in operator)

id	first_name	last_name	salary
2	Puja	Smith	6000.00
3	Michael	Rayn	7000.00
4	Emily	Williams	5000.00

3. write a query to show list of worker who's first_name start with vowel and last_name end with vowel.

(add 5 worker data who's first name start with vowel and end with vowel)

id	first_name	last_name	salary
6	Aoishi	Mojumdeu	3000.00
7	Iuja	Smithe	6000.00
8	Oichael	Rayni	7000.00
9	Emily	Williao	5000.00
NULL	NULL	NULL	NULL

4. write a query to show list of worker who's salary is greater than lowest salary and less than highest salary. (Using between operation)

lowest_salary	highest_salary
2000.00	7000.00

id	first_name	last_name	salary
1	Aoishi	Mojumdeu	3000.00
2	Iuja	Smithe	6000.00
3	Oichael	Rayni	7000.00
4	Emily	Williao	5000.00
5	David	Browna	2000.00

5. Create salary history table with salary, worker_id, paid unpaid status and Show the total paid amount untill today of every worker with worker name.

Result Grid | Filter Rows: | Edit:

id	salary	worker_id	paid_unpaid_status	payment_date
1	4000.00	1	paid	2024-03-01
2	7500.00	1	paid	2024-03-15
3	2200.00	2	paid	2024-03-06
4	2300.00	2	paid	2024-03-19
5	3500.00	3	paid	2024-03-13
6	5400.00	3	unpaid	2024-03-23

6. Create a menu table with name, parent_id (parent id is menu table id)(show all menu and parent menu name using self join)

id	name	parent_id
1	Main Page	1
2	Profile	NULL
3	Products	5
4	Team Members	2
5	Goals	2
6	Future Plans	2
7	Desserts	3
8	Cake	10
9	Ice Cream	10
10	Cookies	10
NULL	NULL	NULL

menu_item	parent_menu
Main Page	Main Page
Profile	Root
Products	Goals
Team Members	Profile
Goals	Profile
Future Plans	Profile
Desserts	Products
Cake	Cookies
Ice Cream	Cookies
Cookies	Cookies