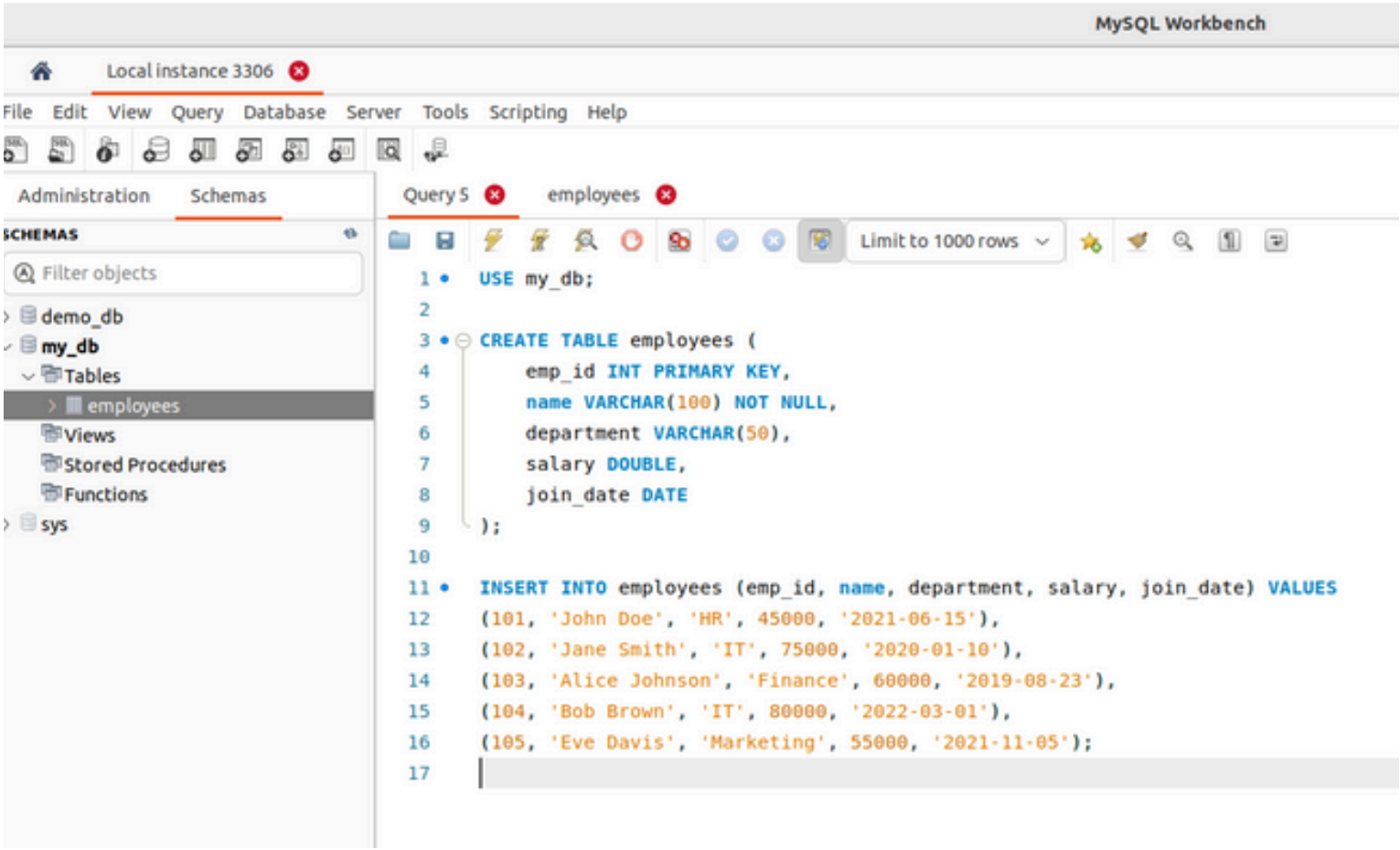
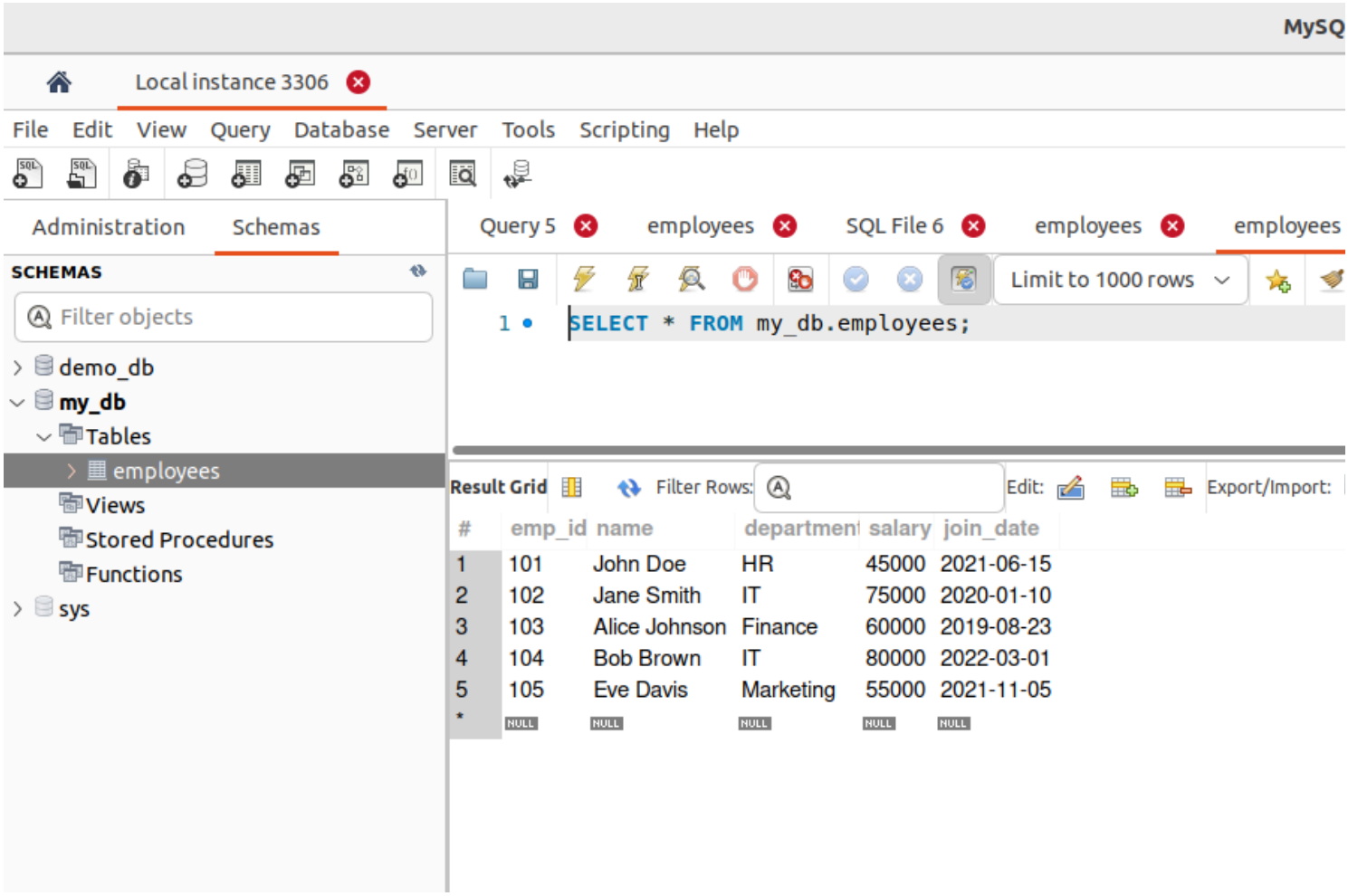
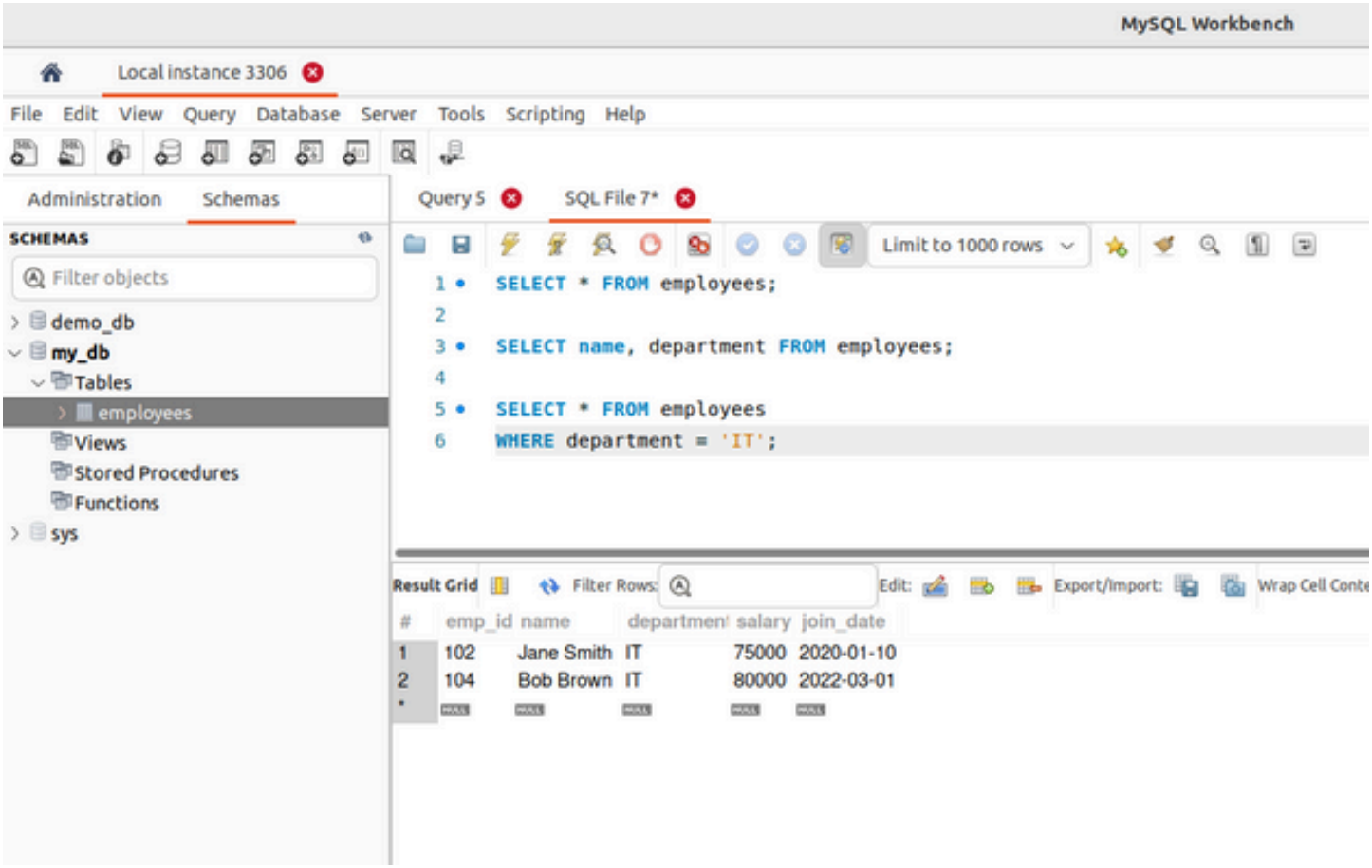
Harshini Ramdas Bhandary

Creating Table and inserting values:-

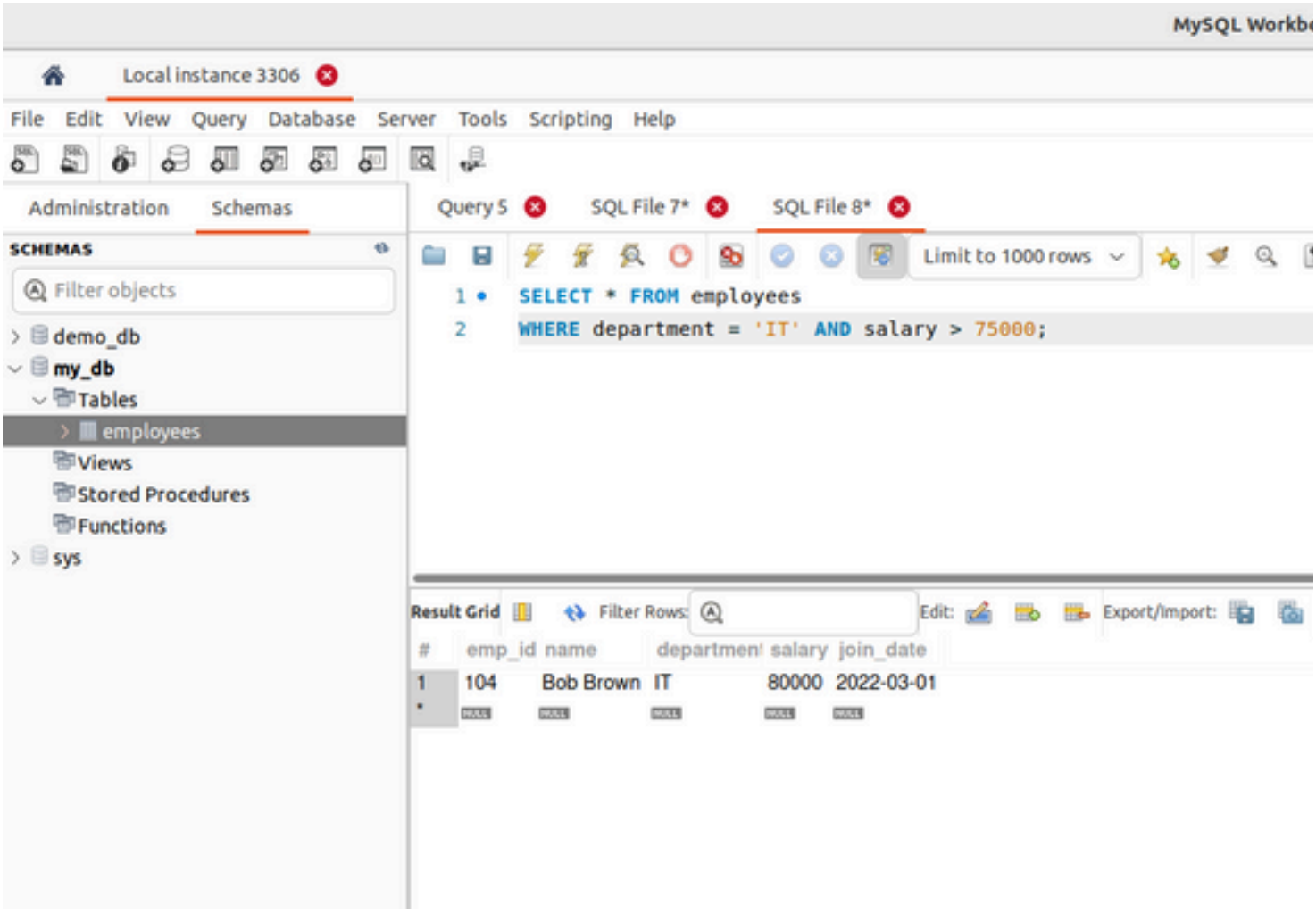


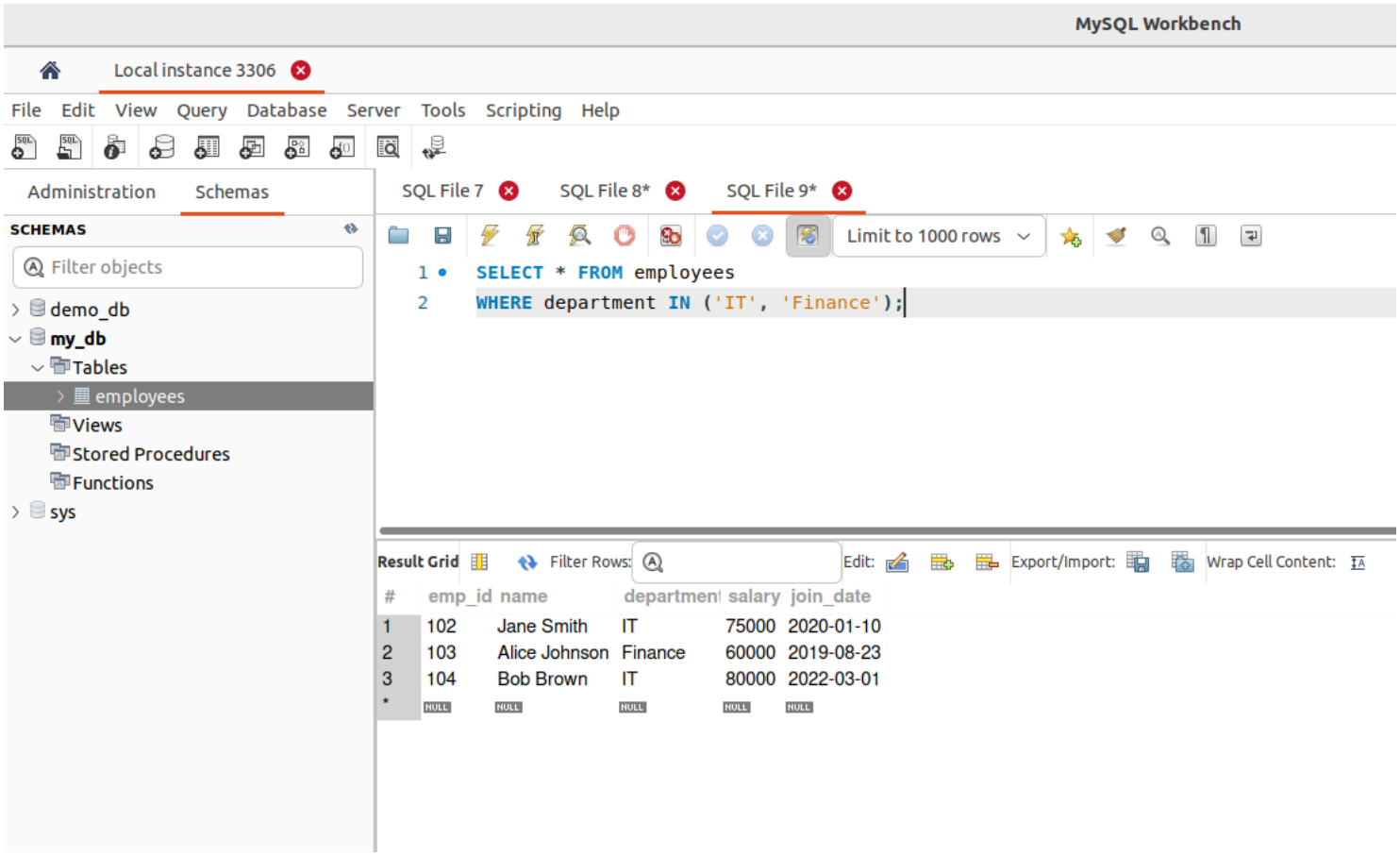


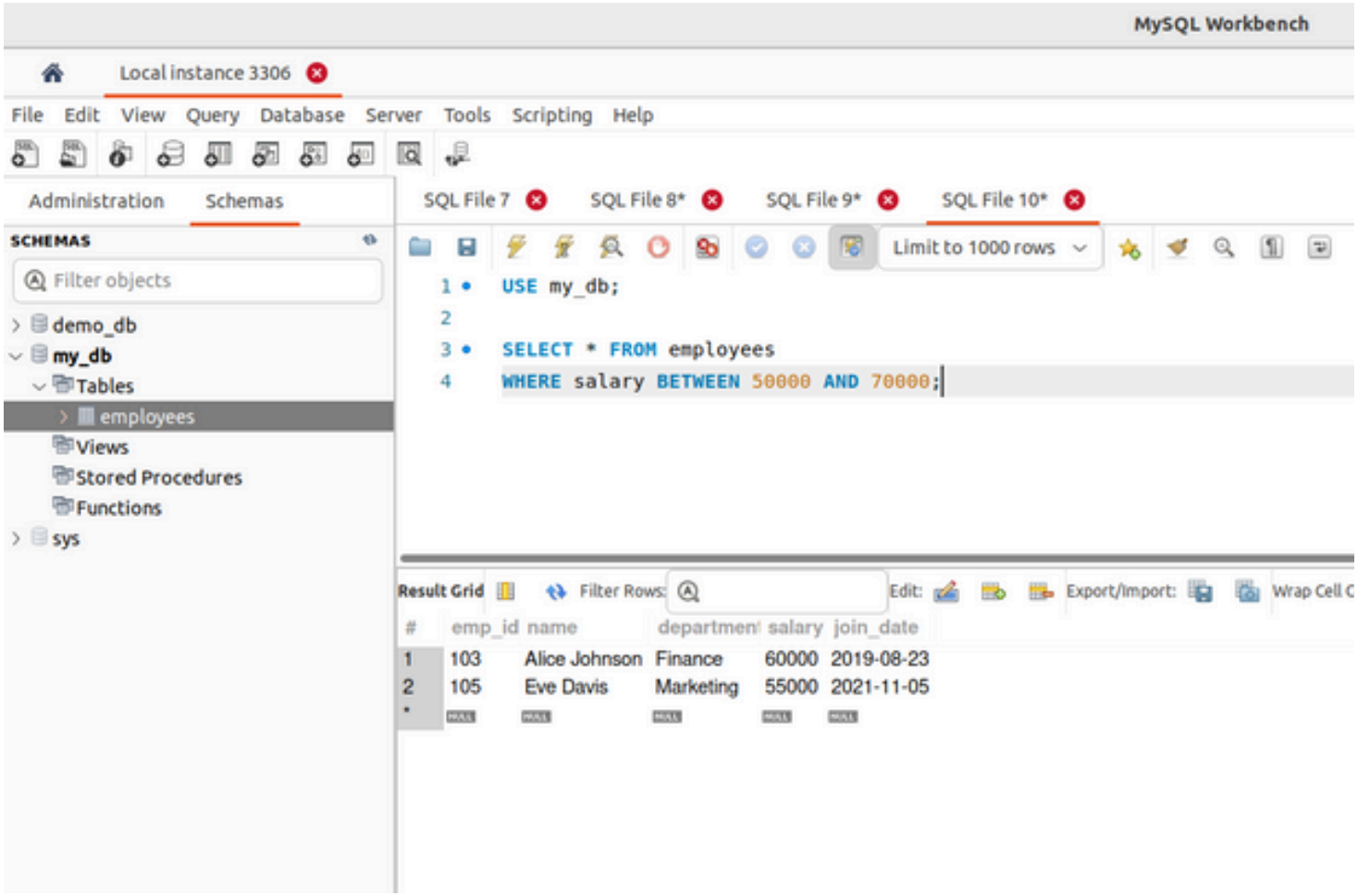
Select Query:-

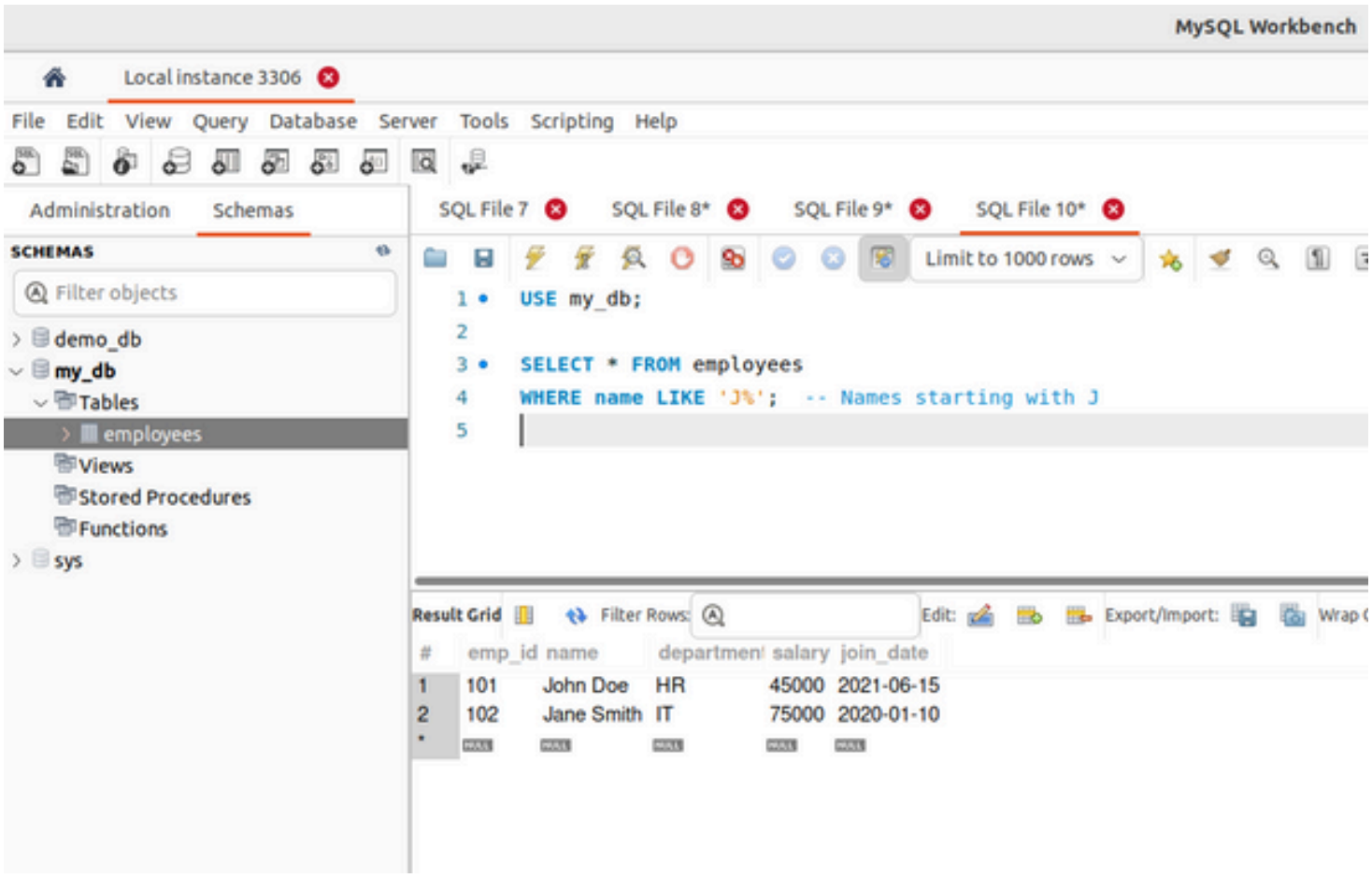


AND, IN BETWEEN & LIKE :-

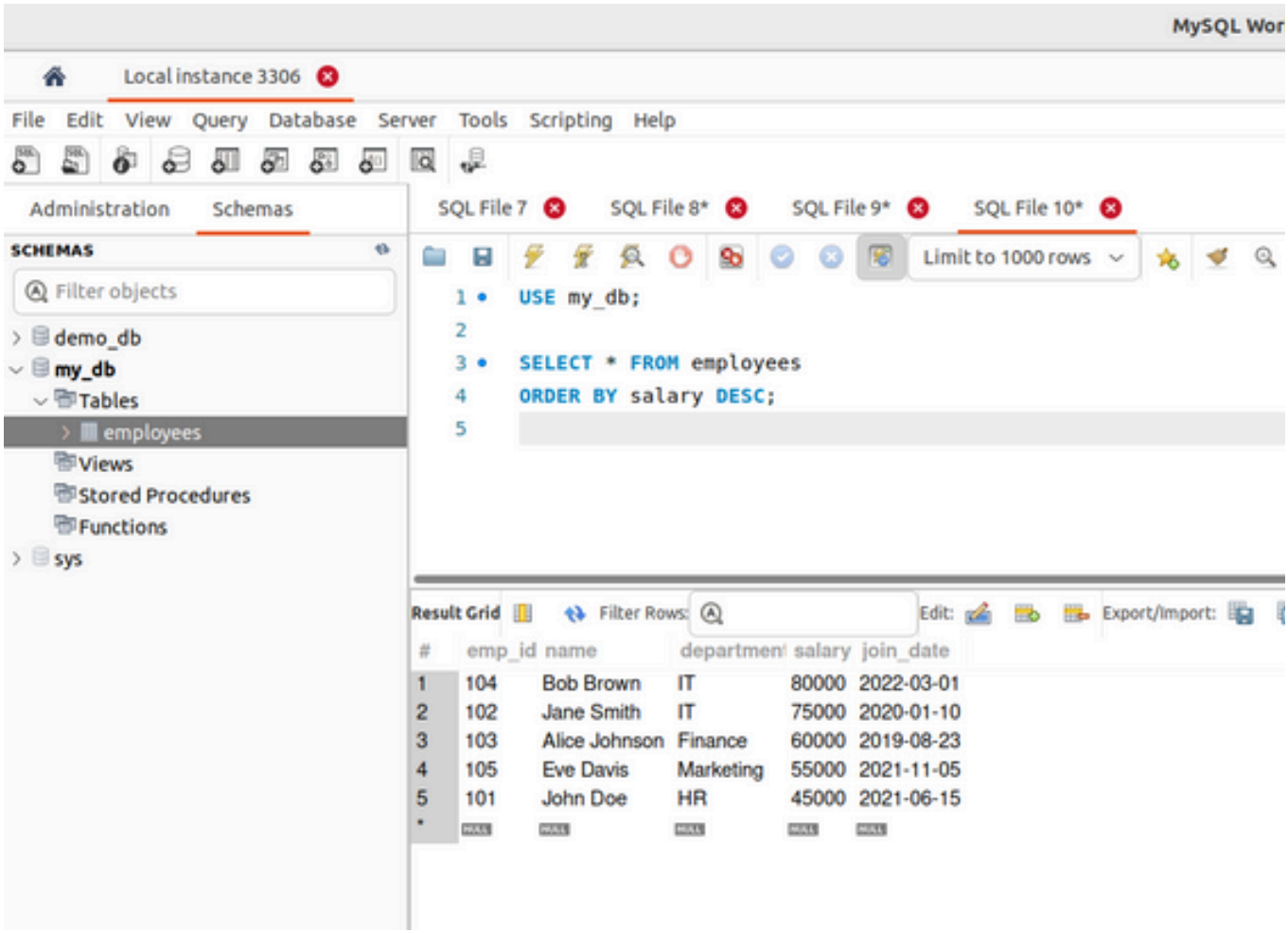

MySQL Workbe
Local instance 3306
File Edit View Query Database Server Tools Scripting Help
Administration Schemas
SCHEMAS
Filter objects
demo_db
my_db
Tables
employees
Views
Stored Procedures
Functions
sys
Query 5
SQL File 7*
SQL File 8*
Limit to 1000 rows
1 • SELECT * FROM employees
2 WHERE department = 'IT' AND salary > 75000;
Result Grid
Filter Rows:
Edit:
Export/Import:
emp_id name departmen salary join_date
1 104 Bob Brown IT 80000 2022-03-01
*


MySQL Workbench
Local instance 3306
File Edit View Query Database Server Tools Scripting Help
Administration Schemas
SCHEMAS
Filter objects
demo_db
my_db
Tables
employees
Views
Stored Procedures
Functions
sys
SQL File 7
SQL File 8*
SQL File 9*
Limit to 1000 rows
1 • SELECT * FROM employees
2 WHERE department IN ('IT', 'Finance');
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
emp_id name departmen salary join_date
1 102 Jane Smith IT 75000 2020-01-10
2 103 Alice Johnson Finance 60000 2019-08-23
3 104 Bob Brown IT 80000 2022-03-01
*

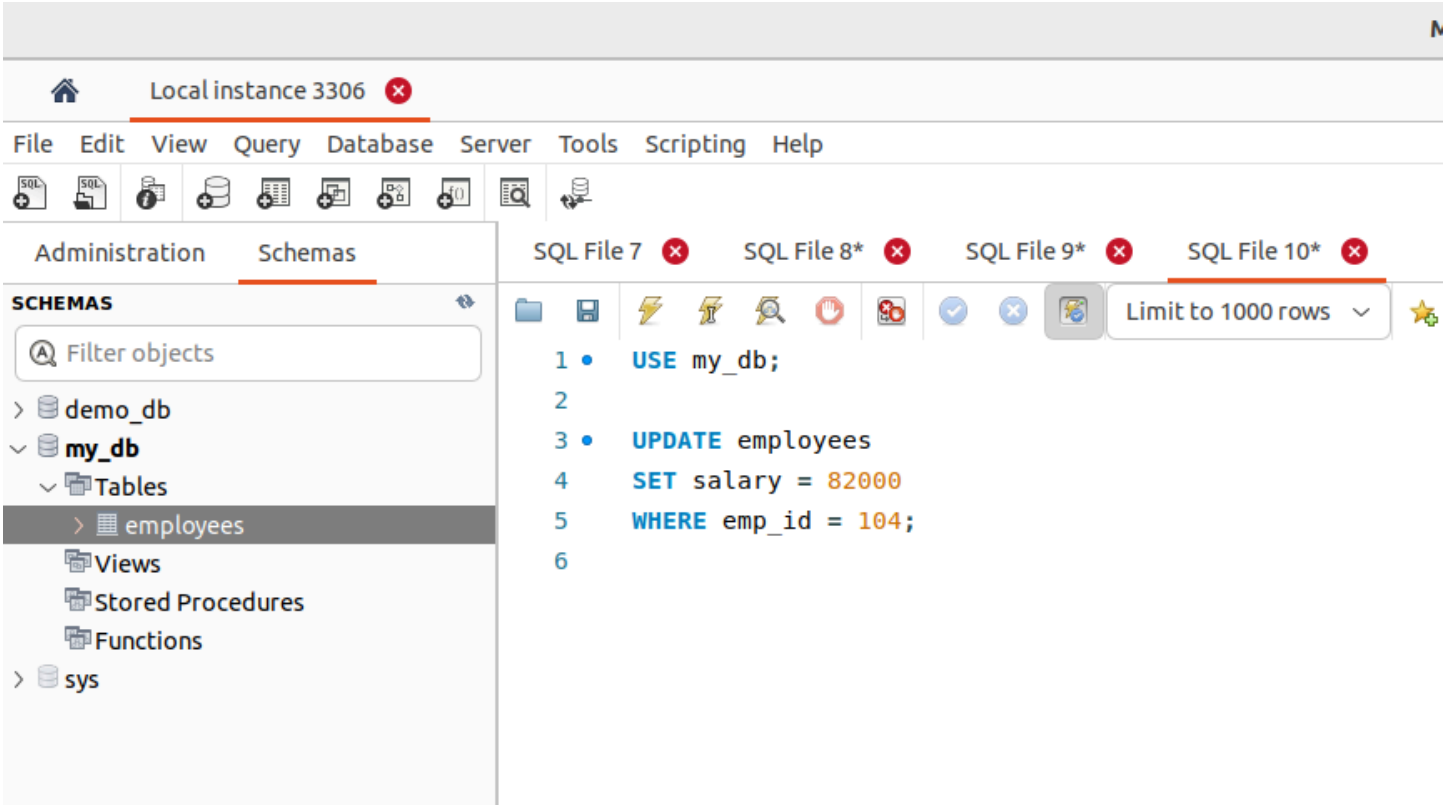

MySQL Workbench
Local instance 3306
File Edit View Query Database Server Tools Scripting Help
Administration Schemas
SCHEMAS
Filter objects
demo_db
my_db
Tables
employees
Views
Stored Procedures
Functions
sys
SQL File 7
SQL File 8*
SQL File 9*
SQL File 10*
Limit to 1000 rows
1 • USE my_db;
2
3 • SELECT * FROM employees
4 WHERE salary BETWEEN 50000 AND 70000;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell C
emp_id name departmen salary join_date
1 103 Alice Johnson Finance 60000 2019-08-23
2 105 Eve Davis Marketing 55000 2021-11-05

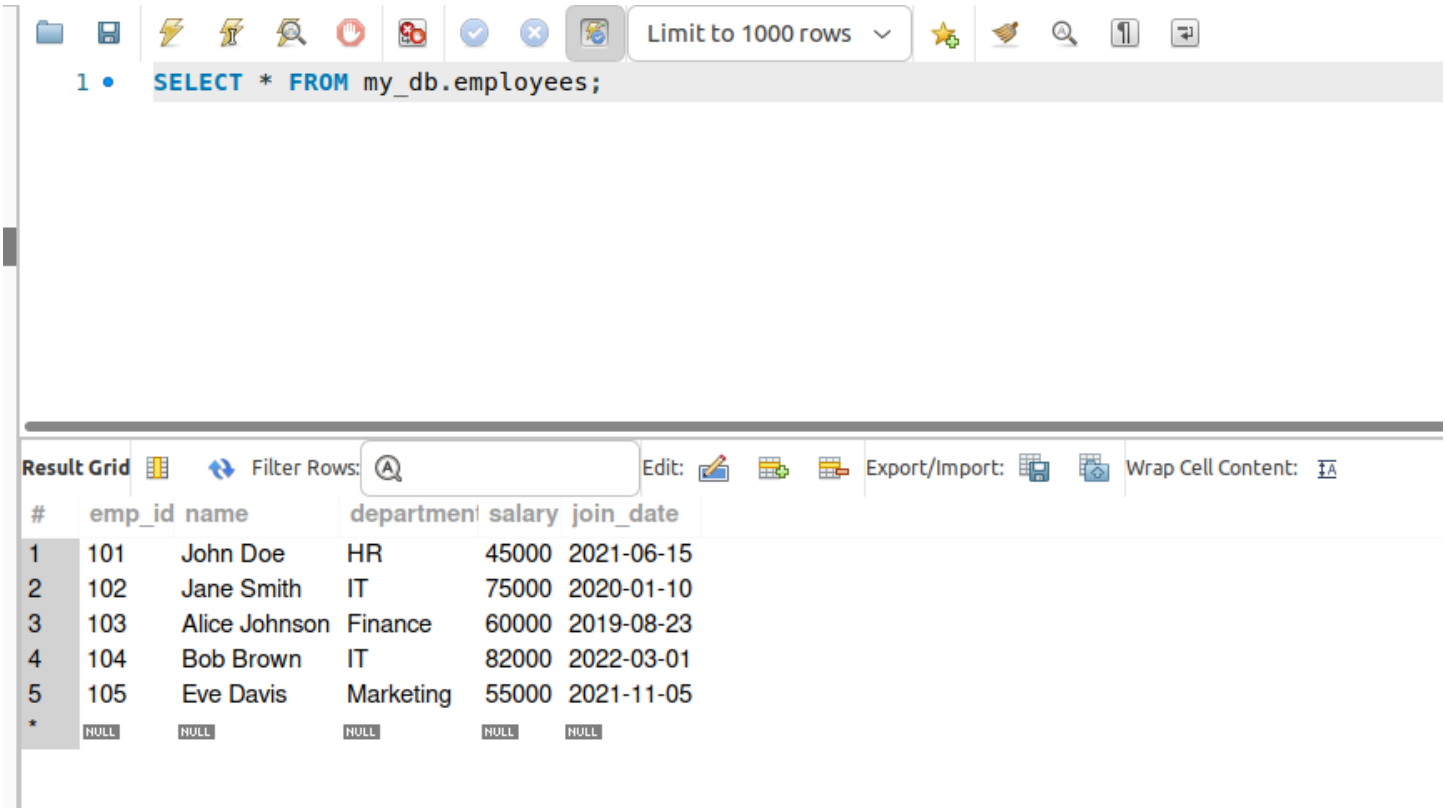

MySQL Workbench
Local instance 3306
File Edit View Query Database Server Tools Scripting Help
Administration Schemas
SCHEMAS
Filter objects
demo_db
my_db
Tables
employees
Views
Stored Procedures
Functions
sys
SQL File 7
SQL File 8*
SQL File 9*
SQL File 10*
Limit to 1000 rows
1 • USE my_db;
2
3 • SELECT * FROM employees
4 WHERE name LIKE 'J%'; -- Names starting with J
5
Result Grid
Filter Rows:
Edit:
Export/Import:
emp_id name departmen salary join_date
1 101 John Doe HR 45000 2021-06-15
2 102 Jane Smith IT 75000 2020-01-10

CLAUSE -ORDER BY, WHERE, HAVING



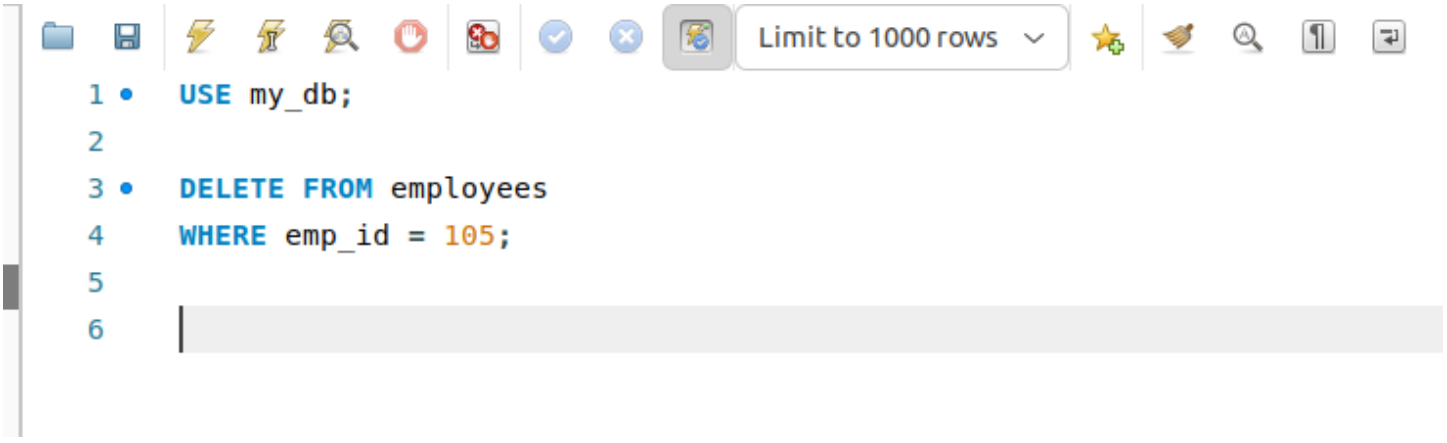
Update Query:

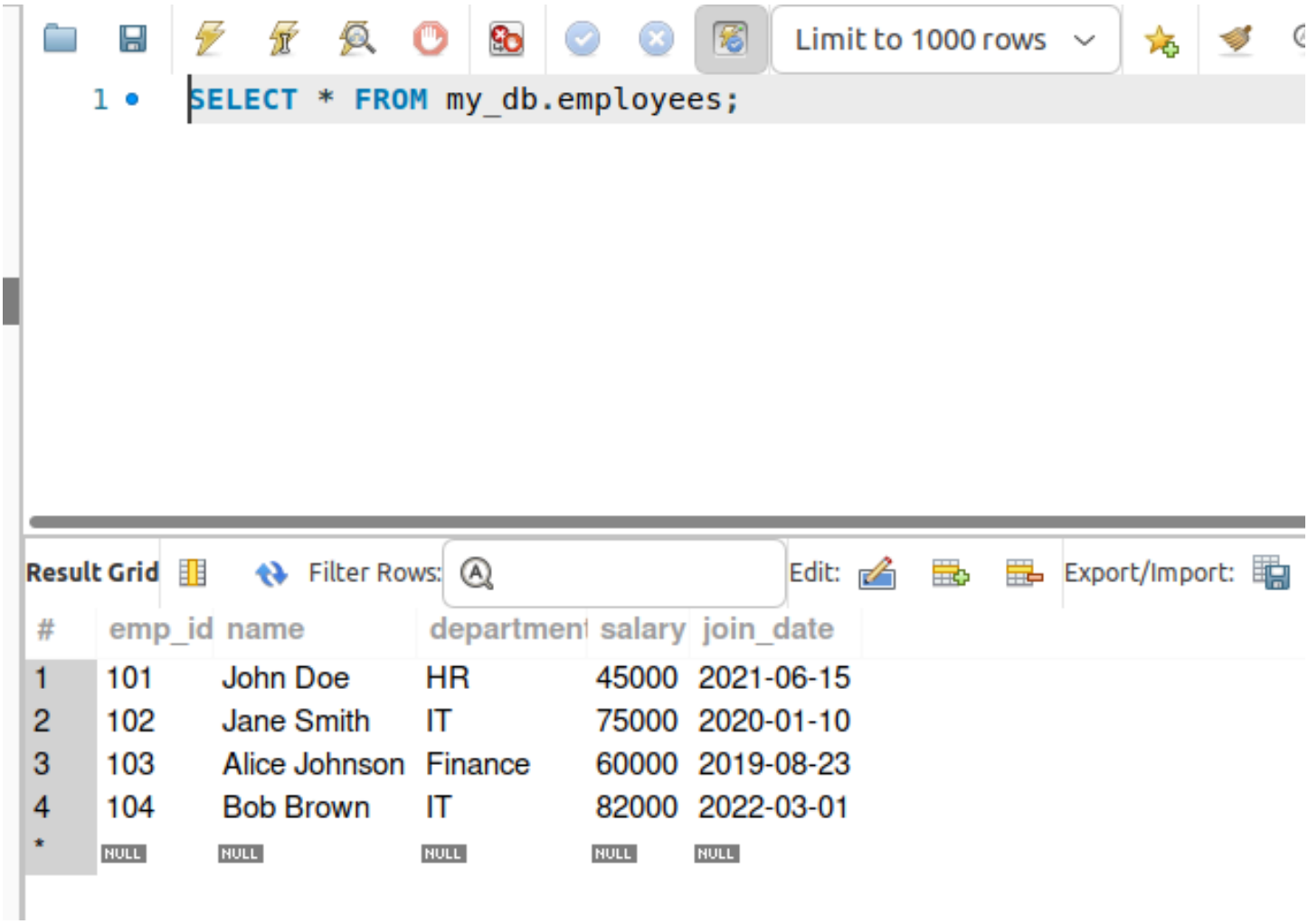




#	emp_id	name	departmen	salary	join_date
1	101	John Doe	HR	45000	2021-06-15
2	102	Jane Smith	IT	75000	2020-01-10
3	103	Alice Johnson	Finance	60000	2019-08-23
4	104	Bob Brown	IT	82000	2022-03-01
5	105	Eve Davis	Marketing	55000	2021-11-05
*	NULL	NULL	NULL	NULL	NULL

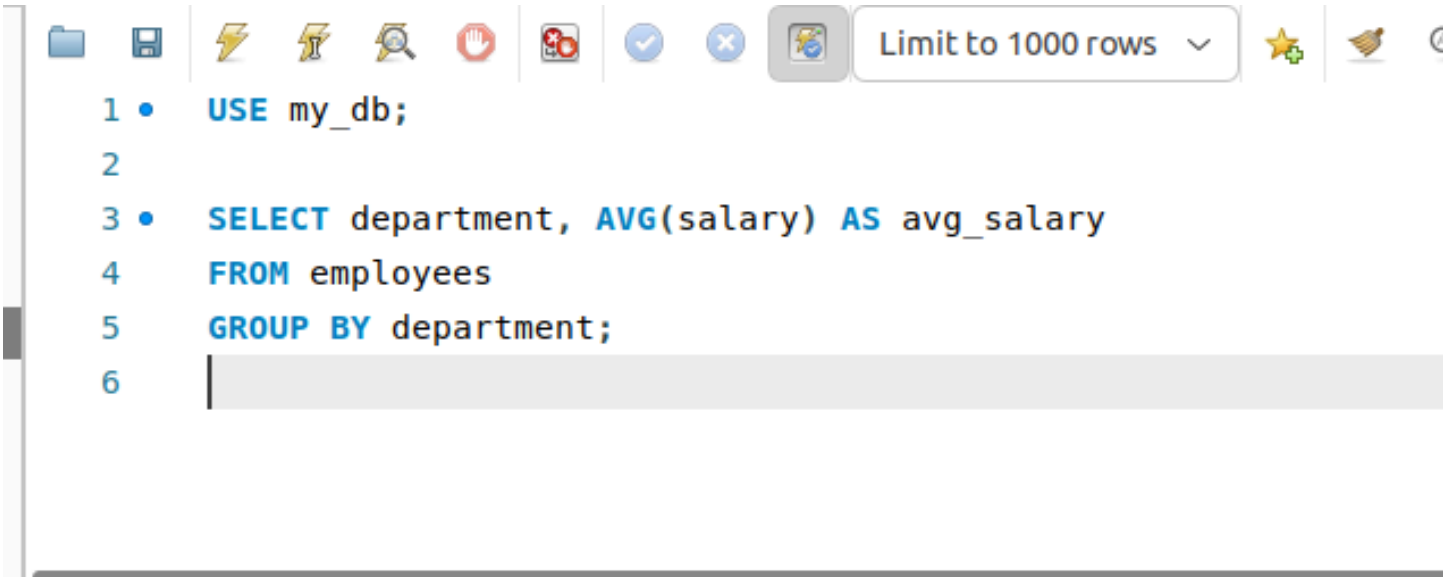
Delete Query:





#	emp_id	name	department	salary	join_date
1	101	John Doe	HR	45000	2021-06-15
2	102	Jane Smith	IT	75000	2020-01-10
3	103	Alice Johnson	Finance	60000	2019-08-23
4	104	Bob Brown	IT	82000	2022-03-01
*	NULL	NULL	NULL	NULL	NULL

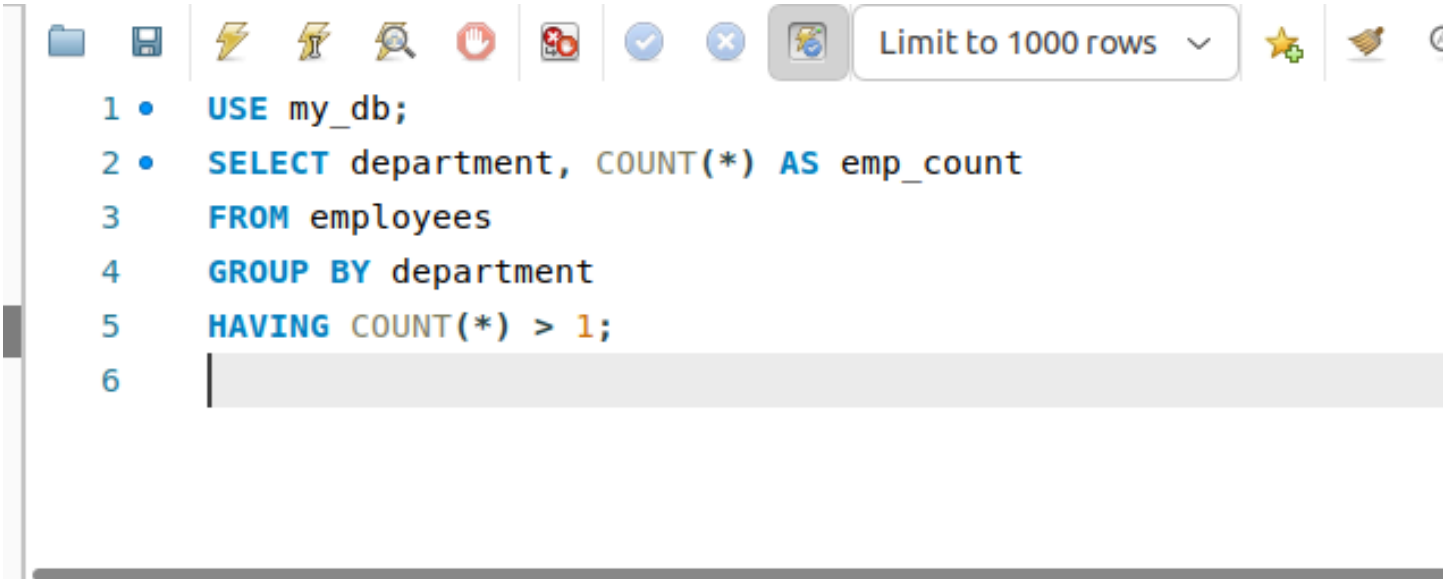
Group by:



```
1  USE my_db;
2
3  SELECT department, AVG(salary) AS avg_salary
4  FROM employees
5  GROUP BY department;
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

#	department	avg_salary
1	HR	45000
2	IT	78500
3	Finance	60000



```
1  USE my_db;
2  SELECT department, COUNT(*) AS emp_count
3  FROM employees
4  GROUP BY department
5  HAVING COUNT(*) > 1;
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

#	department	emp_count
1	IT	2