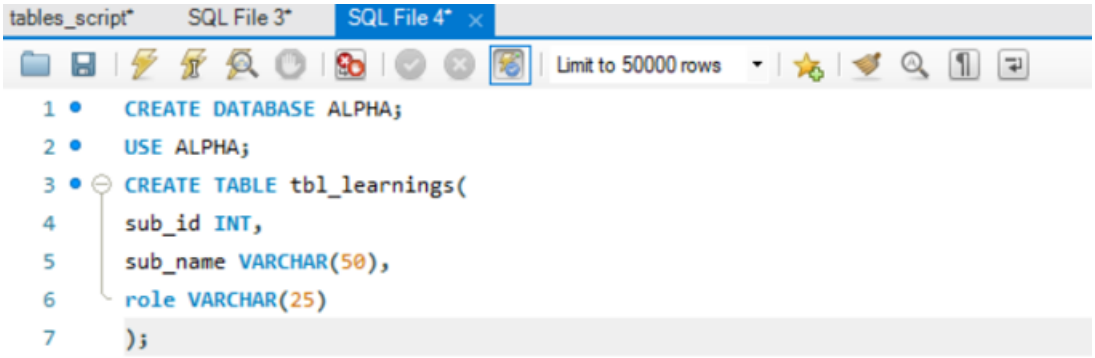
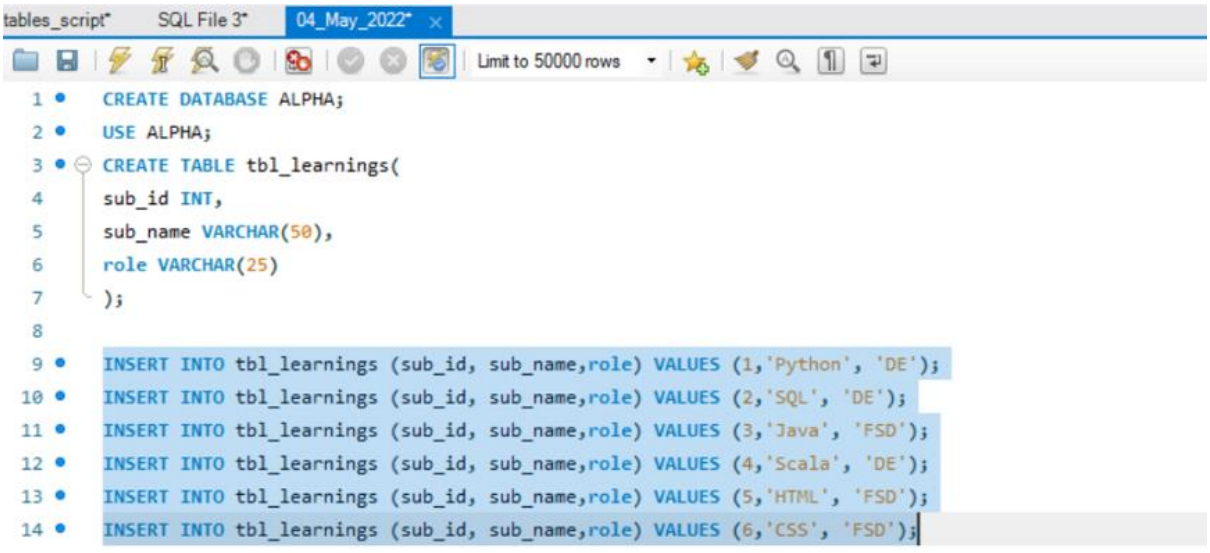
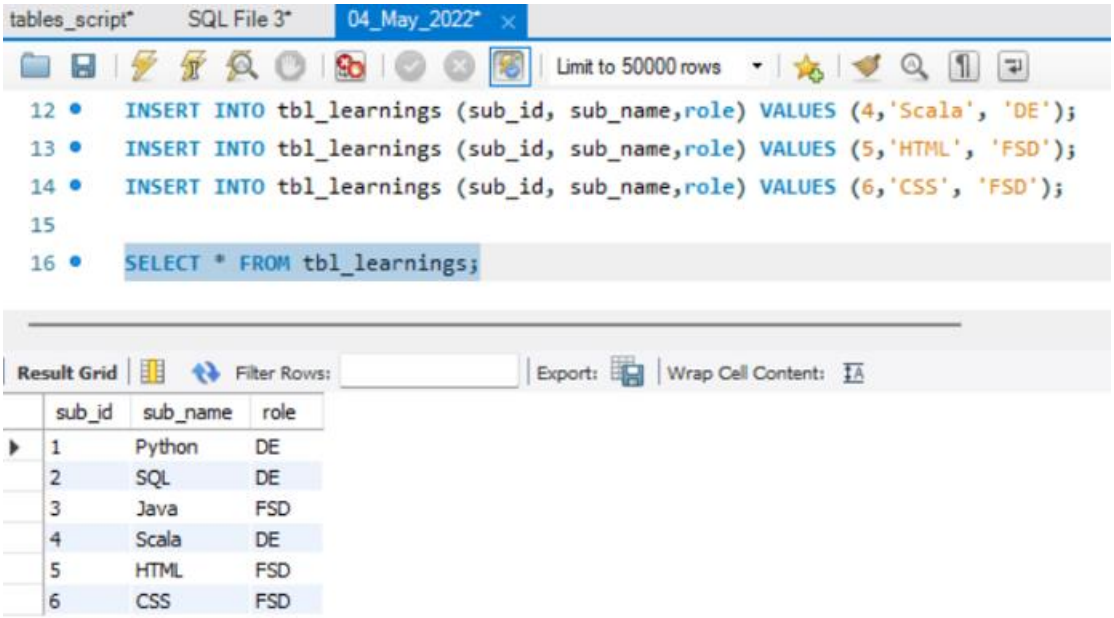
1. Create and Use Database



2. Insert into table

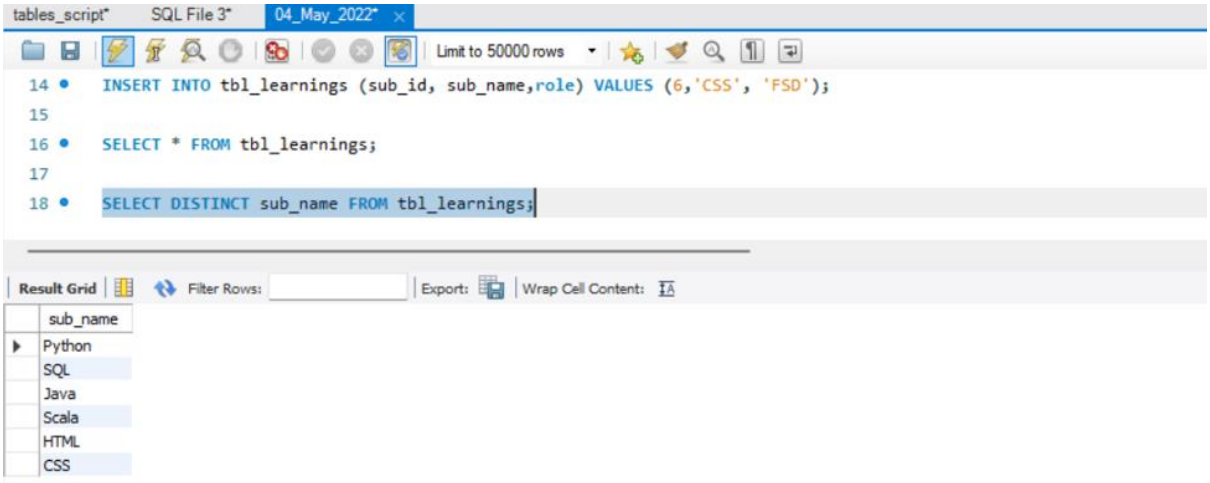


3. Use select



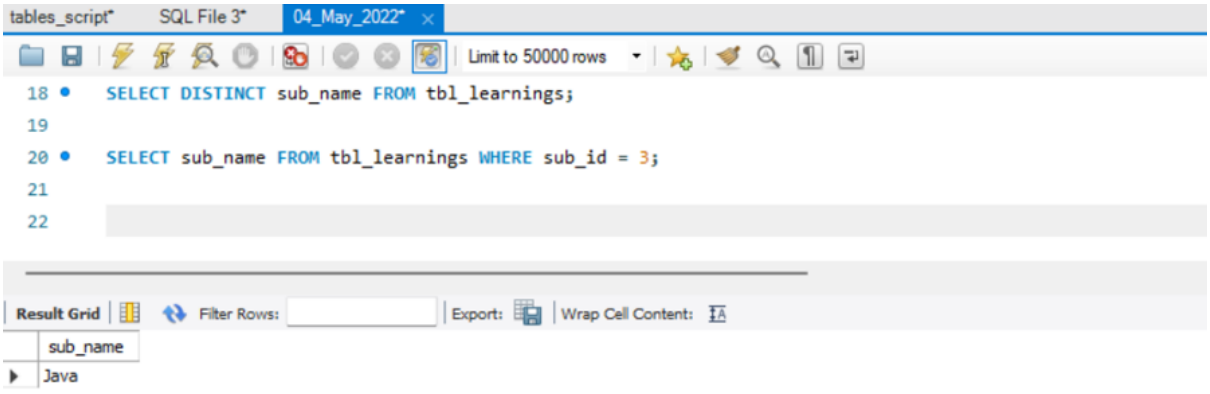
sub_id	sub_name	role
1	Python	DE
2	SQL	DE
3	Java	FSD
4	Scala	DE
5	HTML	FSD
6	CSS	FSD

4. SELECT using DISTINCT



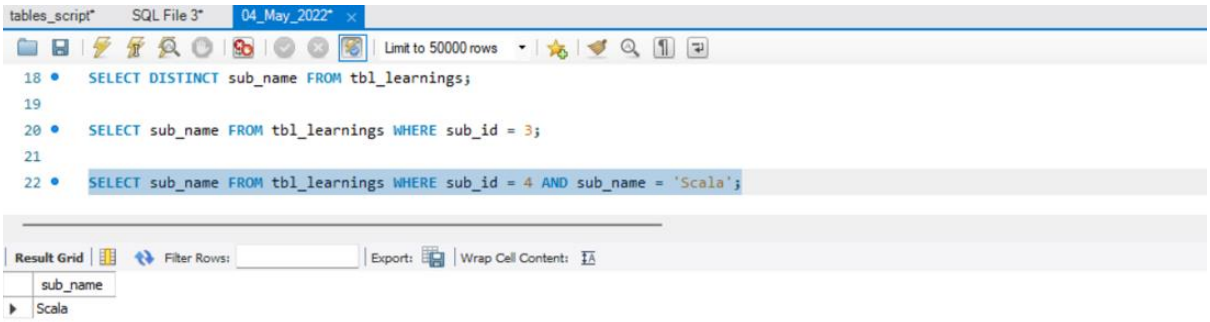
sub_name
Python
SQL
Java
Scala
HTML
CSS

5. SELECT with WHERE

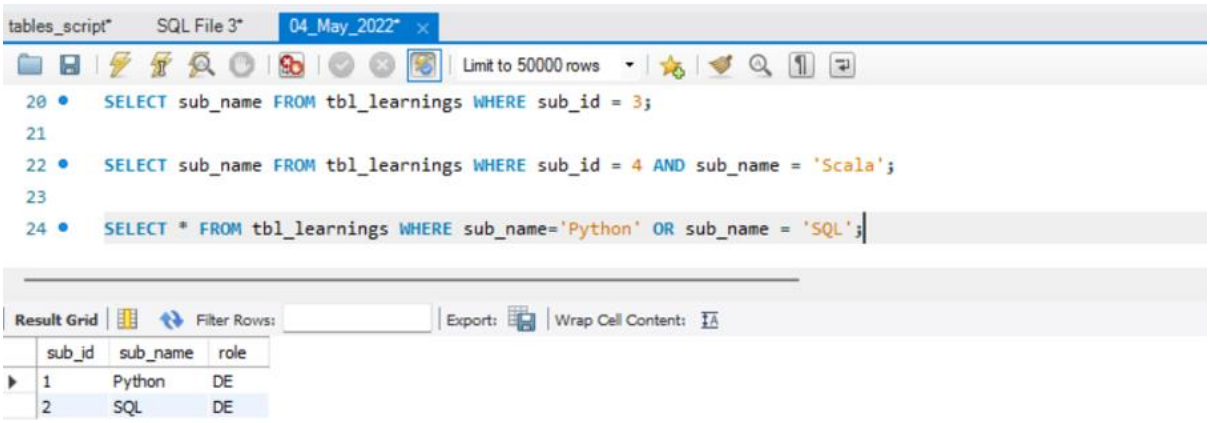


sub_name
Java

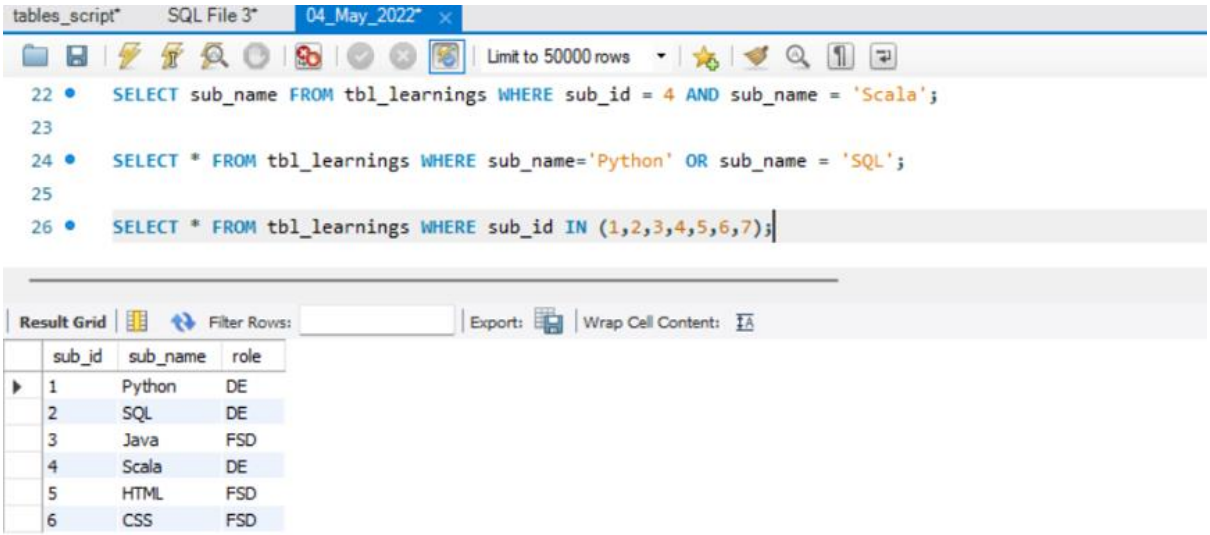
6. Combining WHERE and AND



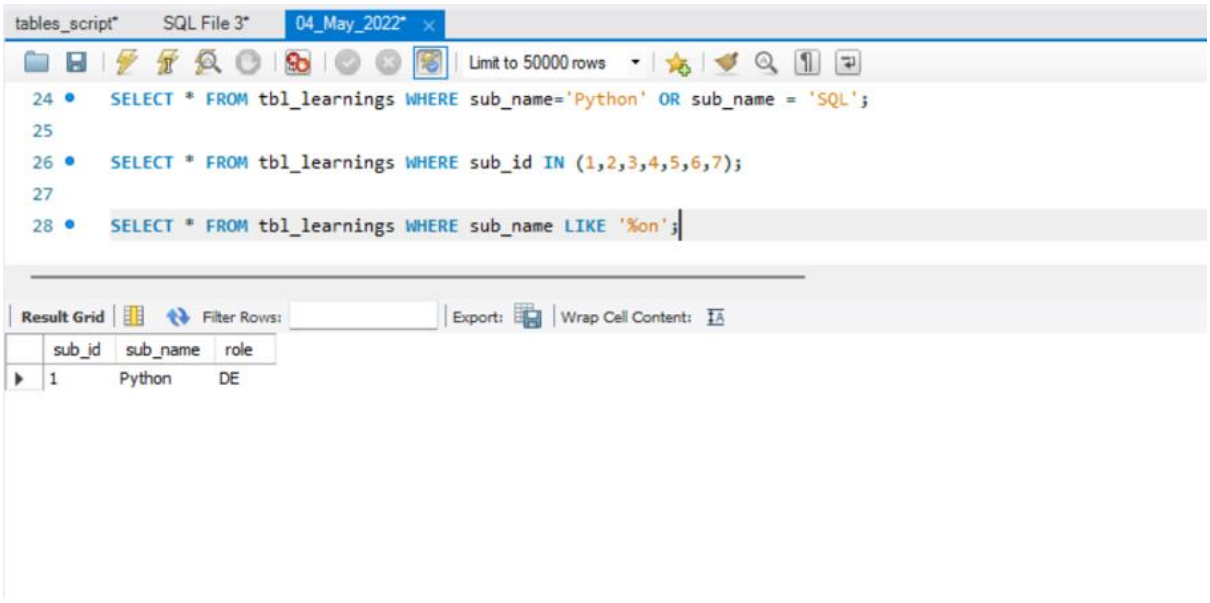
7. Combining WHERE and OR



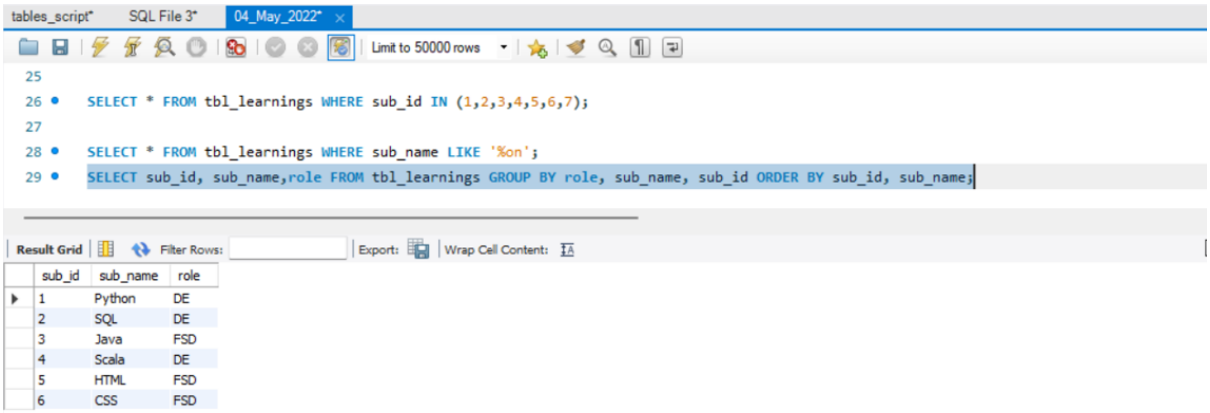
8. WHERE and IN



9. Combining WHERE and LIKE



10. GROUP BY



11. Total code

```
CREATE DATABASE ALPHA;
USE ALPHA;
CREATE TABLE tbl_learnings(
sub_id INT,
sub_name VARCHAR(50),
role VARCHAR(25)
);

INSERT INTO tbl_learnings (sub_id, sub_name,role) VALUES (1,'Python', 'DE');
INSERT INTO tbl_learnings (sub_id, sub_name,role) VALUES (2,'SQL', 'DE');
INSERT INTO tbl_learnings (sub_id, sub_name,role) VALUES (3,'Java', 'FSD');
INSERT INTO tbl_learnings (sub_id, sub_name,role) VALUES (4,'Scala', 'DE');
INSERT INTO tbl_learnings (sub_id, sub_name,role) VALUES (5,'HTML', 'FSD');
INSERT INTO tbl_learnings (sub_id, sub_name,role) VALUES (6,'CSS', 'FSD');

SELECT * FROM tbl_learnings;
```

```
SELECT DISTINCT sub_name FROM tbl_learnings;

SELECT sub_name FROM tbl_learnings WHERE sub_id = 3;

SELECT sub_name FROM tbl_learnings WHERE sub_id = 4 AND sub_name = 'Scala';

SELECT * FROM tbl_learnings WHERE sub_name='Python' OR sub_name = 'SQL';

SELECT * FROM tbl_learnings WHERE sub_id IN (1,2,3,4,5,6,7);

SELECT * FROM tbl_learnings WHERE sub_name LIKE '%on';

SELECT sub_id, sub_name,role FROM tbl_learnings GROUP BY role, sub_name, sub_id
ORDER BY sub_id, sub_name;
```