

DAY2 PRACTICE SESSION

1. IN :

```
SELECT * FROM STU WHERE ROLLNO IN (1,3,5);
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
1	AB	CSE
3	EF	IT
5	IJ	EEE

2. NOT IN :

```
SELECT * FROM STU WHERE ROLLNO NOT IN (1,3,5);
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
2	CD	CSE
4	GH	IT

3. BETWEEN :

```
SELECT * FROM STU WHERE ROLLNO BETWEEN 2 AND 4;
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
2	CD	CSE
3	EF	IT
4	GH	IT

4. NOT BETWEEN :

```
SELECT * FROM STU WHERE ROLLNO NOT BETWEEN 2 AND 4;
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
1	AB	CSE
5	IJ	EEE

1 rows returned in 0.00 seconds Download

5. AND

```
SELECT * FROM STU WHERE ROLLNO IN (1,3,4) AND DEPT='IT';
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
3	EF	IT
4	GH	IT

2 rows returned in 0.00 seconds Download

6. OR

```
SELECT * FROM STU WHERE ROLLNO IN (1,3,4) OR DEPT='CSE';
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
1	AB	CSE
2	CD	CSE
3	EF	IT
4	GH	IT

4 rows returned in 0.00 seconds Download

7. IS NULL

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO;
SELECT * FROM STU WHERE DEPT IS NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
```

Results

Explain

Describe

Saved SQL

History

ROLLNO	NAME	DEPT
6	KL	-

8. IS NOT NULL

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO;
SELECT * FROM STU WHERE DEPT IS NOT NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
```

Results

Explain

Describe

Saved SQL

History

ROLLNO	NAME	DEPT
1	AB	CSE
2	CD	CSE
3	EF	IT
4	GH	IT
5	IJ	EEE

9. LIKE

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO;
SELECT * FROM STU WHERE DEPT IS NOT NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
SELECT * FROM STU WHERE DEPT LIKE "E%";
```

Results

Explain

Describe

Saved SQL

History

ROLLNO	NAME	DEPT
1	AB	CSE
2	CD	CSE
5	IJ	EEE

10. UNDERSCORE (_)

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO;
SELECT * FROM STU WHERE DEPT IS NOT NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
SELECT * FROM STU WHERE DEPT LIKE 'I %';
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
3	EF	IT
4	GH	IT

11. % (MULTIPLE CHARACTERS)

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO;
SELECT * FROM STU WHERE DEPT IS NOT NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
SELECT * FROM STU WHERE DEPT LIKE '%I%';
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
3	EF	IT
4	GH	IT

2 rows returned in 0.00 seconds

12. ASC

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO ASC;
SELECT * FROM STU WHERE DEPT IS NOT NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
SELECT * FROM STU WHERE DEPT LIKE 'I%';
```

Results Explain Describe Saved SQL History

ROLLNO	NAME	DEPT
1	AB	CSE
2	CD	CSE
3	EF	IT
4	GH	IT
5	IJ	EEE
6	KL	-

13. DESC

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO DESC;
SELECT * FROM STU WHERE DEPT IS NOT NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
SELECT * FROM STU WHERE DEPT LIKE 'I%';
```

Results

Explain

Describe

Saved SQL

History

ROLLNO	NAME	DEPT
6	KL	-
5	IJ	EEE
4	GH	IT
3	EF	IT
2	CD	CSE
1	AB	CSE

14. ALTER ADD

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU ORDER BY ROLLNO DESC;
SELECT * FROM STU WHERE DEPT IS NOT NULL;
update stu set DEPT=NULL WHERE ROLLNO=6;
SELECT * FROM STU WHERE DEPT LIKE 'I%';
ALTER TABLE STU ADD DOB DATE;
```

Results

Explain

Describe

Saved SQL

History

Table altered.

15. ALTER RENAME

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU WHERE DEPT IS NOT NULL;
SELECT * FROM STU ORDER BY ROLLNO;
update stu set DOB=TO_DATE('7-APR-2004','DD-MON-YYYY') WHERE ROLLNO IN (3,5);
SELECT * FROM STU WHERE DEPT LIKE 'I%';
ALTER TABLE STU ADD DOB DATE;
ALTER TABLE STU MODIFY DEPT VARCHAR(20);
ALTER TABLE STU RENAME COLUMN DEPT TO DEPARTMENT;
DESC STU;
```

Results

Explain

Describe

Saved SQL

History

ROLLNO	NAME	DEPARTMENT	DOB
1	AB	CSE	08/06/2024
2	CD	CSE	-
3	EF	IT	04/07/2004
4	GH	IT	-
5	IJ	EEE	04/07/2004
6	KL	-	-

16. UPDATE

```
INSERT INTO STU VALUES(6,'CD',NULL);
SELECT * FROM STU WHERE DEPT IS NOT NULL;
SELECT * FROM STU ORDER BY ROLLNO;
UPDATE stu SET DOB=TO_DATE('6-AUG-24','DD-MM-YY') WHERE ROLLNO=1;
SELECT * FROM STU WHERE DEPT LIKE 'I%';
ALTER TABLE STU ADD DOB DATE;
```

Results Explain Describe Saved SQL History				
ROLLNO	NAME	DEPT	DOB	
1	AB	CSE	08/06/2024	
2	CD	CSE	-	
3	EF	IT	-	
4	GH	IT	-	
5	IJ	EEE	-	
6	KL	-	-	

