

DAY2 LEARNING

1. IN

The screenshot shows the Oracle Application Express interface. The breadcrumb navigation is Home > SQL Workshop > SQL Commands. The schema is CLIENT_MASTER. The SQL command entered is `SELECT * FROM STU WHERE ROLLNO IN (1,3,5);`. The results table shows 3 rows.

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

3 rows returned in 0.00 seconds

2. NOT IN

The screenshot shows the Oracle Application Express interface. The breadcrumb navigation is Home > SQL Workshop > SQL Commands. The schema is CLIENT_MASTER. The SQL command entered is `SELECT * FROM STU WHERE ROLLNO NOT IN (1,3,5);`. The results table shows 2 rows.

ROLLNO	NAME	DEPT
2	CD	CSE
4	GH	IT

2 rows returned in 0.00 seconds

3. BETWEEN

The screenshot shows the Oracle Application Express interface. The breadcrumb navigation is Home > SQL Workshop > SQL Commands. The schema is CLIENT_MASTER. The SQL command entered is `SELECT * FROM STU WHERE ROLLNO BETWEEN 2 AND 4;`. The results table shows 3 rows.

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

3 rows returned in 0.00 seconds

4. NOT BETWEEN

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Welcome SYSTEM (Logout)

Home

Application Builder

SQL Workshop

Team Development

Administration

Home > SQL Workshop > SQL Commands

Schema CLIENT_MASTER

☒ Autocommit

Rows 10

Save

Run

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

2 rows returned in 0.00 seconds

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5. AND

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Home > SQL Workshop > SQL Commands

Schema CLIENT_MASTER

☒ Autocommit

Rows 10

Save

Run

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

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6. OR

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Schema CLIENT_MASTER

☒ Autocommit

Rows 10

Save

Run

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

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7. IS NULL

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HomeApplication BuilderSQL WorkshopTeam DevelopmentAdministration

Home > SQL Workshop > SQL Commands

Schema CLIENT_MASTER

☒ AutocommitRows10SaveRun

```
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;
```

ResultsExplainDescribeSaved SQLHistory

ROLLNO	NAME	DEPT
6	KL	-

1 rows returned in 0.00 secondsDownload

8. IS NOT NULL

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Home > SQL Workshop > SQL Commands

Schema CLIENT_MASTER

☒ AutocommitRows10SaveRun

```
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;
```

ResultsExplainDescribeSaved SQLHistory

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

5 rows returned in 0.00 secondsDownload

9. LIKE

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Home > SQL Workshop > SQL Commands

Schema CLIENT_MASTER

☒ AutocommitRows10SaveRun

```
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 'SE%';
```

ResultsExplainDescribeSaved SQLHistory

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

3 rows returned in 0.00 secondsDownload

10. UNDERSCORE (_)

The screenshot shows the Oracle Application Express SQL Workshop interface. The breadcrumb trail is Home > SQL Workshop > SQL Commands. The schema is CLIENT_MASTER. The SQL command area contains the following query:

```
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_';
```

The results section shows a table with 2 rows:

ROLLNO	NAME	DEPT
3	EF	IT
4	GH	IT

2 rows returned in 0.00 seconds. A Download link is available.

11. % (MULTIPLE CHARACTERS)

The screenshot shows the Oracle Application Express SQL Workshop interface. The breadcrumb trail is Home > SQL Workshop > SQL Commands. The schema is CLIENT_MASTER. The SQL command area contains the following query:

```
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%';
```

The results section shows a table with 2 rows:

ROLLNO	NAME	DEPT
3	EF	IT
4	GH	IT

2 rows returned in 0.00 seconds. A Download link is available.

12. ASC

The screenshot shows the Oracle Application Express SQL Workshop interface. The breadcrumb trail is Home > SQL Workshop > SQL Commands. The schema is CLIENT_MASTER. The SQL command area contains the following query:

```
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%';
```

The results section shows a table with 6 rows:

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

6 rows returned in 0.00 seconds. A Download link is available.

13. DESC

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Home > SQL Workshop > SQL Commands Schema CLIENT_MASTER

☒ Autocommit Rows 10 Save Run

```
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

6 rows returned in 0.00 seconds Download

14. ALTER ADD

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Welcome SYSTEM (Logout)

Home Application Builder SQL Workshop Team Development Administration

Home > SQL Workshop > SQL Commands Schema CLIENT_MASTER

☒ Autocommit Rows 10 Save Run

```
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.

0.07 seconds

15. ALTER RENAME

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Welcome SYSTEM (Logout)

Home Application Builder SQL Workshop Team Development Administration

Home > SQL Workshop > SQL Commands Schema CLIENT_MASTER

☒ Autocommit Rows 10 Save Run

```
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	08/08/2024
2	CD	CSE	-
3	EF	IT	04/07/2004
4	GH	IT	-
5	IJ	EEE	04/07/2004
6	KL	-	-

6 rows returned in 0.00 seconds Download

16. UPDATE

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HomeApplication BuilderSQL WorkshopTeam DevelopmentAdministration

Home > SQL Workshop > SQL CommandsSchemaCLIENT_MASTER

☒ AutocommitRows10SaveRun

```
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;
```

ResultsExplainDescribeSaved SQLHistory

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

6 rows returned in 0.01 secondsDownload

