Table	Data	Indexes	Model	Constraints	Grants	Statistics	UI Defaults	Triggers	Dependencies	SQL	REST	Sample Queries

Add Column	Modify Column	Rename Column	Drop Column	Rename	Copy	Drop	Truncate	Create Lookup Table	Create App

Column Name	Data Type	Nullable	Default	Primary Key
REGNO	NUMBER	Yes	-	-
NEWFIELDNAME	VARCHAR2(30)	Yes	-	-
DOB	DATE	Yes	-	-
BLOODGROOP	VARCHAR2(15)	Yes	-	-

Insert a value and add a primary key.

```
1    ALTER TABLE studentNew ADD PRIMARY KEY (REGNO);
```

```
ALTER TABLE studentNew ADD Pincode int;
```

Add Column	Modify Column	Rename Column	Drop Column	Rename	Copy	Drop	Truncate	Create Lookup Table	Create App

Column Name	Data Type	Nullable	Default	Primary Key
REGNO	NUMBER	No	-	1
NEWFIELDNAME	VARCHAR2(30)	Yes	-	-
DOB	DATE	Yes	-	-
BLOODGROOP	VARCHAR2(15)	Yes	-	-
PINCODE	NUMBER	Yes	-	-

Drop Pin code column

```
ALTER TABLE studentNew DROP COLUMN Pincode;
```

Column Name	Data Type	Nullable	Default	Primary Key
REGNO	NUMBER	No	-	1
NEWFIELDNAME	VARCHAR2(30)	Yes	-	-
DOB	DATE	Yes	-	-
BLOODGROOP	VARCHAR2(15)	Yes	-	-

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Short form to full form .

```
1    ALTER TABLE studentNew RENAME COLUMN DOB TO Date_Of_Birth;
```

Add Column	Modify Column	Rename Column	Drop Column	Rename	Copy	Drop	Truncate	Create Lookup Table	Create App

Column Name	Data Type	Nullable	Default	Primary Key
REGNO	NUMBER	No	-	1
NEWFIELDNAME	VARCHAR2(30)	Yes	-	-
DATE_OF_BIRTH	DATE	Yes	-	-
BLOODGROOP	VARCHAR2(15)	Yes	-	-

Rename

```
1    ALTER TABLE studentNew RENAME COLUMN NEWFIELDNAME TO NAME;
```

Table	Data	Indexes	Model	Constraints	Grants	Statistics	UI Defaults	Triggers	Dependencies	SQL	REST	Sample Queries

Add Column	Modify Column	Rename Column	Drop Column	Rename	Copy	Drop	Truncate	Create Lookup Table	Create App

Column Name	Data Type	Nullable	Default	Primary Key
REGNO	NUMBER	No	-	1
NAME	VARCHAR2(30)	Yes	-	-
DATE_OF_BIRTH	DATE	Yes	-	-
BLOODGROOP	VARCHAR2(15)	Yes	-	-

giving data into table

```
1    INSERT INTO studentNew (REGNO, NAME, Date_Of_Birth, BLOODGROOP)
2    VALUES (1894166, 'MAHESH', SYSDATE, 'O-VE');
```

Query	Count Rows	Insert Row	Load Data

EDIT	REGNO	NAME	DATE_OF_BIRTH	BLOODGROOP
✎	1894166	MAHESH	27-Jul-2024	O-VE

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Inserting more values in table.

```
1    INSERT INTO studentNew (REGNO, NAME, DATE_OF_BIRTH, BLOODGROOP)
2    VALUES (432346, 'MASESH', SYSDATE, 'O-VE');
3    INSERT INTO studentNew (REGNO, NAME, DATE_OF_BIRTH, BLOODGROOP)
4    VALUES(19415346, 'JAN', SYSDATE, 'B-');
5    INSERT INTO studentNew (REGNO, NAME, DATE_OF_BIRTH, BLOODGROOP)
6    VALUES (181434256, 'gaoWDta', SYSDATE, 'B+');
7
```

| Query | Count Rows | Insert Row | Load Data |

EDIT	REGNO	NAME	DATE_OF_BIRTH	BLOODGROOP
✎	432346	MASESH	27-Jul-2024	O-VE
✎	19415346	JAN	27-Jul-2024	B-
✎	181434256	gaoWDta	27-Jul-2024	B+
✎	1894166	MAHESH	27-Jul-2024	O-VE

Delete Jana row in table

```
1    DELETE FROM studentNew WHERE NAME = 'JAN';
2
```

| Table | Data | Indexes | Model | Constraints | Grants | Statistics | UI Defaults | Triggers | Dependencies | SQL | REST | Sample Queries |

| Query | Count Rows | Insert Row | Load Data |

EDIT	REGNO	NAME	DATE_OF_BIRTH	BLOODGROOP
✎	432346	MASESH	27-Jul-2024	O-VE
✎	181434256	gaoWDta	27-Jul-2024	B+
✎	1894166	MAHESH	27-Jul-2024	O-VE

Delete total table.

```
1    DELETE FROM studentNew;
2
```

Query   Count Rows   Insert Row   Load Data

This table contains no data.

Not Operator

```
1    SELECT REGNO FROM NEWTABLE
2    WHERE REGNO NOT IN (18005614, 1452006);
```

```
SELECT REGNO FROM NEWTABLE WHERE REGNO NOT IN (18005614, 1452006)
```

REGNO
1894166
1894258
18941556
18941562

AS Operator

```
1    SELECT REGNO || ' ' ||  NAME AS STUDENT_DETAILS FROM NEWTABLE;
```

```
SELECT REGNO || ' ' ||  NAME AS STUDENT_DETAILS FROM NEWTABLE
```

STUDENT_DETAILS
1894166 MAHESH_KUMAR
1894258 SHIVA
18941556 JANA
18941562 BHARATH

AND Operator

```
1    SELECT NAME, MARKS FROM NEWTABLE WHERE NAME = 'MAHESH_KUMAR' AND MARKS = 88;
```

```
SELECT NAME, MARKS FROM NEWTABLE WHERE NAME = 'MAHESH_KUMAR' AND MARKS = 88
```

NAME	MARKS
MAHESH_KUMAR	88

Like Operator

```
1    SELECT *FROM NEWTABLE WHERE NAME LIKE 'J%';
```

```
SELECT *FROM NEWTABLE WHERE NAME LIKE 'J%'
```

REGNO	NAME	MARKS
18941556	JANA	80

Create table for person.

CODE Expression

```
1   SELECT NAME, CASE EMPLOYEE_ID
2   WHEN 1 THEN 'AI'
3   WHEN 2 THEN 'DS'
4   ELSE 'OTHER DEPT.'
5   END AS "DEPRTMENT"
6   FROM EMPLOYEE;
```

SELECT NAME, CASE EMPLOYEE_ID WHEN 1 THEN 'AI' WHEN 2 THEN 'DS' ELSE 'OTHER DEPT.' END AS "DEPRTMENT" FROM EMPLOYEE

NAME	DEPRTMENT
MAHESH	OTHER DEPT.
JOHN	OTHER DEPT.

2 rows selected. 0.01 seconds

DECODE Expression

```
1   SELECT NAME, DECODE( EMPLOYEE_ID,
2    1, 'AI',
3    2, 'DS',
4      'OTHER DEPT.')
5    AS "DEPRTMENT"
6   FROM EMPLOYEE;
```

SELECT NAME, DECODE(EMPLOYEE_ID, 1, 'AI', 2, 'DS', 'OTHER DEPT.') AS "DEPRTMENT" FROM EMPLOYEE

NAME	DEPRTMENT
MAHESH	OTHER DEPT.
JOHN	OTHER DEPT.

2 rows selected, 0.01 seconds

LEFT OUTPUT JOIN

```
1   SELECT e.DEP_ID, d.EMP_NAME, d.SALARY
2   FROM DEPORTMENT e LEFT OUTER JOIN EMPLOYEE1 d
3   ON (e.EMP_ID = d.EMP_ID);
```

SELECT e.DEP_ID, d.EMP_NAME, d.SALARY FROM DEPORTMENT e LEFT OUTER JOIN EMPLOYEE1 d ON (e.EMP_ID = d.EMP_ID)

DEP_ID	EMP_NAME	SALARY
1923111	-	-

RIGHT OUTPUT JOIN

```sql
1    SELECT e.DEP_ID, d.EMP_NAME, d.SALARY
2    FROM DEPORTMENT e RIGHT OUTER JOIN EMPLOYEE1 d
3    ON (e.EMP_ID = d.EMP_ID);
```

SELECT e.DEP_ID, d.EMP_NAME, d.SALARY FROM DEPORTMENT e RIGHT OUTER JOIN EMPLOYEE1 d ON (e.EMP_ID = d.EMP_ID)

DEP_ID	EMP_NAME	SALARY
-	DHANU	54000
-	ARJUN	58000