

```

MariaDB [utkarsh2cse14]> SELECT * FROM EMPLOYEE
    -> WHERE HIREDATE < '1980-06-30' OR HIREDATE > '1981-12-31';
+-----+-----+-----+-----+-----+-----+-----+-----+
| EMPNO | ENAME  | JOB      | MGR  | HIREDATE | SAL      | COMM | DEPTNO |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 7788  | SCOTT  | ANALYST  | 7566 | 1982-12-09 | 3630.00 | NULL | 20     |
| 7876  | ADAMS  | CLERK    | 7788 | 1983-06-12 | 1331.00 | NULL | 20     |
| 7934  | MILLER | CLERK    | 7782 | 1982-01-23 | 1573.00 | NULL | 10     |
+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)

```

```

MariaDB [utkarsh2cse14]> SELECT ENAME FROM EMPLOYEE
    -> WHERE ENAME LIKE '_A%';
+-----+
| ENAME |
+-----+
| WARD  |
| MARTIN |
| JAMES |
+-----+
3 rows in set (0.001 sec)

```

```

MariaDB [utkarsh2cse14]> SELECT ENAME FROM EMPLOYEE
    -> WHERE ENAME LIKE '____';
+-----+
| ENAME |
+-----+
| SMITH |
| ALLEN |
| JONES |
| BLAKE |
| CLARK |
| SCOTT |
| ADAMS |
| JAMES |
+-----+
8 rows in set (0.001 sec)

```

```
MariaDB [utkarsh2cse14]> SELECT ENAME FROM EMPLOYEE  
-> WHERE ENAME LIKE '_A%';
```

ENAME
WARD
MARTIN
JAMES

3 rows in set (0.001 sec)

```
MariaDB [utkarsh2cse14]> SELECT ENAME FROM EMPLOYEE  
-> WHERE JOB NOT IN ('SALESMAN', 'CLERK', 'ANALYST');
```

ENAME
JONES
BLAKE
CLARK
KING

4 rows in set (0.001 sec)

```
MariaDB [utkarsh2cse14]> SELECT ENAME, (SAL * 12) AS Annual_Salary  
-> FROM EMPLOYEE  
-> ORDER BY SAL DESC;
```

ENAME	Annual_Salary
KING	72600.00
SCOTT	43560.00
FORD	43560.00
JONES	43197.00
BLAKE	41382.00
CLARK	35574.00
TURNER	21780.00
ALLEN	19200.00
MILLER	18876.00
ADAMS	15972.00
MARTIN	15000.00
WARD	15000.00
JAMES	13794.00
SMITH	11616.00

14 rows in set (0.001 sec)

```

MariaDB [utkarsh2cse14]> SELECT ENAME, SAL,
-> (SAL * 0.15) AS HRA,
-> (SAL * 0.10) AS DA,
-> (SAL * 0.05) AS PF,
-> ((SAL + (SAL * 0.15) + (SAL * 0.10)) - (SAL * 0.05)) AS TotalSal
-> FROM EMPLOYEE;

```

ENAME	SAL	HRA	DA	PF	TotalSal
SMITH	968.00	145.2000	96.8000	48.4000	1161.6000
ALLEN	1600.00	240.0000	160.0000	80.0000	1920.0000
WARD	1250.00	187.5000	125.0000	62.5000	1500.0000
JONES	3599.75	539.9625	359.9750	179.9875	4319.7000
MARTIN	1250.00	187.5000	125.0000	62.5000	1500.0000
BLAKE	3448.50	517.2750	344.8500	172.4250	4138.2000
CLARK	2964.50	444.6750	296.4500	148.2250	3557.4000
SCOTT	3630.00	544.5000	363.0000	181.5000	4356.0000
KING	6050.00	907.5000	605.0000	302.5000	7260.0000
TURNER	1815.00	272.2500	181.5000	90.7500	2178.0000
ADAMS	1331.00	199.6500	133.1000	66.5500	1597.2000
JAMES	1149.50	172.4250	114.9500	57.4750	1379.4000
FORD	3630.00	544.5000	363.0000	181.5000	4356.0000
MILLER	1573.00	235.9500	157.3000	78.6500	1887.6000

14 rows in set (0.001 sec)

```

MariaDB [utkarsh2cse14]> UPDATE EMPLOYEE
-> SET SAL = SAL * 1.10
-> WHERE COMM IS NULL OR COMM = 0;
Query OK, 11 rows affected, 1 warning (0.124 sec)
Rows matched: 11  Changed: 11  Warnings: 1

```

```

MariaDB [utkarsh2cse14]> SELECT * FROM EMPLOYEE
-> WHERE (SAL * 1.20) > 3000;

```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7566	JONES	MANAGER	7839	1981-04-02	3959.73	NULL	20
7698	BLAKE	MANAGER	7839	1981-05-01	3793.35	NULL	30
7782	CLARK	MANAGER	7839	1981-06-09	3260.95	NULL	10
7788	SCOTT	ANALYST	7566	1982-12-09	3993.00	NULL	20
7839	KING	PRESIDENT	NULL	1981-11-17	6655.00	NULL	10
7902	FORD	ANALYST	7566	1981-12-03	3993.00	NULL	20

6 rows in set (0.001 sec)

```
MariaDB [utkarsh2cse14]> SELECT * FROM EMPLOYEE  
-> WHERE SAL >= 100;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	1980-12-17	1064.80	NULL	20
7499	ALLEN	SALESMAN	7698	1981-02-20	1600.00	300.00	30
7521	WARD	SALESMAN	7698	1981-02-22	1250.00	500.00	30
7566	JONES	MANAGER	7839	1981-04-02	3959.73	NULL	20
7654	MARTIN	SALESMAN	7698	1981-09-28	1250.00	1400.00	30
7698	BLAKE	MANAGER	7839	1981-05-01	3793.35	NULL	30
7782	CLARK	MANAGER	7839	1981-06-09	3260.95	NULL	10
7788	SCOTT	ANALYST	7566	1982-12-09	3993.00	NULL	20
7839	KING	PRESIDENT	NULL	1981-11-17	6655.00	NULL	10
7844	TURNER	SALESMAN	7698	1981-09-08	1996.50	0.00	30
7876	ADAMS	CLERK	7788	1983-06-12	1464.10	NULL	20
7900	JAMES	CLERK	7698	1981-12-03	1264.45	NULL	30
7902	FORD	ANALYST	7566	1981-12-03	3993.00	NULL	20
7934	MILLER	CLERK	7782	1982-01-23	1730.30	NULL	10

```
14 rows in set (0.001 sec)
```