

```

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 | 3993.00  | NULL  | 20     |
| 7876  | ADAMS  | CLERK    | 7788 | 1983-06-12 | 1464.10  | NULL  | 20     |
| 7934  | MILLER | CLERK    | 7782 | 1982-01-23 | 1730.30  | 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	79860.00
SCOTT	47916.00
FORD	47916.00
JONES	47516.76
BLAKE	45520.20
CLARK	39131.40
TURNER	23958.00
MILLER	20763.60
ALLEN	19200.00
ADAMS	17569.20
JAMES	15173.40
MARTIN	15000.00
WARD	15000.00
SMITH	12777.60

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	1064.80	159.7200	106.4800	53.2400	1277.7600
ALLEN	1600.00	240.0000	160.0000	80.0000	1920.0000
WARD	1250.00	187.5000	125.0000	62.5000	1500.0000
JONES	3959.73	593.9595	395.9730	197.9865	4751.6760
MARTIN	1250.00	187.5000	125.0000	62.5000	1500.0000
BLAKE	3793.35	569.0025	379.3350	189.6675	4552.0200
CLARK	3260.95	489.1425	326.0950	163.0475	3913.1400
SCOTT	3993.00	598.9500	399.3000	199.6500	4791.6000
KING	6655.00	998.2500	665.5000	332.7500	7986.0000
TURNER	1996.50	299.4750	199.6500	99.8250	2395.8000
ADAMS	1464.10	219.6150	146.4100	73.2050	1756.9200
JAMES	1264.45	189.6675	126.4450	63.2225	1517.3400
FORD	3993.00	598.9500	399.3000	199.6500	4791.6000
MILLER	1730.30	259.5450	173.0300	86.5150	2076.3600

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, 4 warnings (0.026 sec)

Rows matched: 11 Changed: 11 Warnings: 4

```

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	4355.70	NULL	20
7698	BLAKE	MANAGER	7839	1981-05-01	4172.69	NULL	30
7782	CLARK	MANAGER	7839	1981-06-09	3587.05	NULL	10
7788	SCOTT	ANALYST	7566	1982-12-09	4392.30	NULL	20
7839	KING	PRESIDENT	NULL	1981-11-17	7320.50	NULL	10
7902	FORD	ANALYST	7566	1981-12-03	4392.30	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	1171.28	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	4355.70	NULL	20
7654	MARTIN	SALESMAN	7698	1981-09-28	1250.00	1400.00	30
7698	BLAKE	MANAGER	7839	1981-05-01	4172.69	NULL	30
7782	CLARK	MANAGER	7839	1981-06-09	3587.05	NULL	10
7788	SCOTT	ANALYST	7566	1982-12-09	4392.30	NULL	20
7839	KING	PRESIDENT	NULL	1981-11-17	7320.50	NULL	10
7844	TURNER	SALESMAN	7698	1981-09-08	2196.15	0.00	30
7876	ADAMS	CLERK	7788	1983-06-12	1610.51	NULL	20
7900	JAMES	CLERK	7698	1981-12-03	1390.90	NULL	30
7902	FORD	ANALYST	7566	1981-12-03	4392.30	NULL	20
7934	MILLER	CLERK	7782	1982-01-23	1903.33	NULL	10

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