Query:

mysql> create table tbl_empl (empNo int primary key, eName varchar(30) not null, job varchar(20), mgr int, hireDate date, sal decimal(5,2), comm decimal(5,2), deptNo int);

Output:

Query OK, 0 rows affected (0.02 sec)

Query:

mysql> insert into tbl empl values (8369, "Smith", "Clerk", 8902, "1990-12-18", 800, null, 20);

Output:

Query OK, 1 row affected (0.01 sec)

Query:

mysql> insert into tbl_empl values (8499, "Anya", "Salesman", 8698, "1991-02-20", 1600, 300, 30),

- -> (8521, "Seth", "Salesman", 8698, "1991-02-22", 1250, 500, 30),
- -> (8566, "Mahadevan", "Manager", 8839, "1991-04-02", 2985, null, 20),
- -> (8654, "Momin", "Salesman", 8698, "1991-09-28", 1250, 1400, 30),
- -> (8698, "Bina", "Manager", 8839, "1991-05-01", 2850, null, 30),
- -> (8882, "Shivansh", "Manager", 8839, "1991-06-09", 2450, null, 10),
- -> (8888, "Scott", "Analyst", 8566, "1991-12-09", 3000, null, 20),
- -> (8839, "Amir", "President", null, "1991-11-18", 5000, null, 10),
- -> (8844, "Kuldeep", "Salesman", 8698, "1991-09-08", 1500, 0, 30);

Output:

Query OK, 9 rows affected (0.01 sec) Records: 9 Duplicates: 0 Warnings: 0

a)

Query:

mysql> select eName as "Employee Name", sal as "Salary" from tbl_empl where sal >= 2200;

Output:

+		-+-		+
١	Employee Name	1	Salary	1
+		-+-		+
١	Mahadevan	ı	2985	1
1	Bina	1	2850	١
١	Amir	1	5000	1

```
| Shivansh | 2450 |
| Scott | 3000 |
+-----+
5 rows in set (0.00 sec)
```

b)

Query:

mysql> select * from tbl_empl where comm is null;

Output:

I	empNo	I		I	job	I	mgr	I	hireDate	I	sal	I	comm	I	deptNo	I	
Ī			Smith						1990-12-18						20		
1	8566	ı	Mahadevan	I	Manager	١	8839	1	1991-04-02	ı	2985	ı	NULL	١	20	١	
1	8698	Ι	Bina	١	Manager	1	8839	1	1991-05-01	1	2850	Ι	NULL	1	30	١	
1	8839	Ι	Amir	١	President	1	NULL	1	1991-11-18	1	5000	Ι	NULL	1	10	١	
1	8882	ı	Shivansh	I	Manager	١	8839	1	1991-06-09	ı	2450	ı	NULL	١	10	١	
I	8888	١	Scott	I	Analyst	١	8566	١	1991-12-09	١	3000	١	NULL	١	20	١	
+-		+-		+		+		+		+		+-		+		-+	-

6 rows in set (0.00 sec)

c)

Query:

mysql> select eName as "Employee Name", sal as "Salary" from tbl_empl where sal >= 2500 and sal <= 4000;

Output:

+		+-		+
1	Employee Name	I	Salary	١
+		+-		+
1	Mahadevan	ı	2985	ı
1	Bina	١	2850	1
1	Scott	ı	3000	١
+		+-		+

3 rows in set (0.00 sec)

d)

Query:

mysql> select eName as "Employee Name", job as "Job Title", sal as "Salary" from tbl_empl where mgr is null;

Output:

+			+-			+-		+
1	Employee	Name	1	Job	Title	1	Salary	1
+			+-			+-		+
١	Amir		ı	Pres	sident	ı	5000	1
+			+-			+-		+

1 row in set (0.00 sec)

e)

Query:

mysql> select * from tbl_empl where eName like '___A%';

Output:

+	+	-+	+	+	++	+
empNo eName				•	•	-
8499 Anya 8566 Mahadevan 8698 Bina	Salesman Manager Manager	8698 8839 8839	1991-02-20 1991-04-02 1991-05-01	1600 2985 2850	300 NULL NULL	30 20 30
+	+	-+	+	+	++	+

3 rows in set (0.00 sec)

f)

Query:

mysql> select * from tbl_empl where eName like "%T";

Output:

empNo eName	job	mgr	hireDate	sal	comm	deptNo
8888 Scott	Analyst	8566	1991-12-09	3000	NULL	20

1 row in set (0.00 sec)

g)

Query:

mysql> select * from tbl_empl where eName like "K_L%";

Output:

e	mpNo	eName	l	job	I	mgr	ı	hireDate	l	sal	I	comm	l	deptNo	I
Ī	8844	Kuldeep	Ī	Salesman	Ī	8698	ı	1991-09-08	Ī	1500	I	0	l	30	Ī
•						 -		 _	Τ.	 -					_

1 row in set (0.00 sec)