

USE mock1;

```
CREATE TABLE EMP (ENO INT,ENAME VARCHAR(45),JOB varchar(45),HIREDATE date,SALARY  
int,COMMISSION int,DEPTNO INT,PRIMARY KEY(ENO));
```

```
CREATE TABLE DEPT (DEPTNO INT,DEPTNAME VARCHAR(45),LOCATION VARCHAR(45),primary  
key(DEPTNO));
```

```
INSERT INTO EMP VALUES (1,"ABC","A","2022-10-10",30000,1000,1);
```

```
INSERT INTO EMP VALUES (2,"DEF","B","2021-10-01",40000,1000,2);
```

```
INSERT INTO EMP VALUES (3,"IGH","C","2021-12-13",50000,1000,3);
```

```
INSERT INTO EMP VALUES (4,"JKL","A","2022-10-01",60000,1000,2);
```

```
INSERT INTO EMP VALUES (5,"MNO","Y","2022-03-10",31000,1000,1);
```

```
INSERT INTO EMP VALUES (6,"IMP","B","2021-10-10",20000,1000,4);
```

```
SELECT * FROM EMP;
```

```
INSERT INTO DEPT VALUES(1,"COM","PUNE");
```

```
INSERT INTO DEPT VALUES(2,"MECH","PUNE");
```

```
INSERT INTO DEPT VALUES(3,"IT","AMT");
```

```
INSERT INTO DEPT VALUES(4,"ROBO","AMT");
```

```
select * FROM DEPT;
```

-- 1) MAX SALARY PAID TO SALESMAN

```
SELECT MAX(SALARY) FROM EMP;
```

-- 2)NAME OF EMP START with I

```
SELECT ENAME FROM EMP WHERE ENAME LIKE "I%";
```

-- 3) DETAILS HOW JOINED BEFORE

```
SELECT * FROM EMP WHERE HIREDATE < "2021-10-10";
```

-- 4) ASSCENDING ORDER ACCORDING TO SALARY

```
SELECT * FROM EMP ORDER BY SALARY;
```

-- 5) List of no. of emp & avg salary for emp in the dept no '20'

```
SELECT COUNT(*),AVG(SALARY),DEPTNO FROM EMP GROUP BY DEPTNO having deptno=1;
```

-- 6) List the avg salary, minimum salary of the emp hiredatewise for dept no '10'.

```
SELECT AVG(SALARY),MIN(SALARY) FROM EMP WHERE DEPTNO=1;
```

-- 7) List emp name and its department

```
SELECT ENAME,DEPTNAME FROM EMP INNER JOIN DEPT ON EMP.DEPTNO=DEPT.DEPTNO;
```

-- 8) List total salary paid to each department

```
SELECT SUM(SALARY) ,deptno FROM EMP group by deptno;
```

-- 9) List details of employee working in 'Dev' department

```
SELECT * FROM EMP INNER JOIN DEPT ON EMP.DEPTNO=DEPT.DEPTNO WHERE  
DEPT.DEPTNAME="COM";
```

```
select * FROM EMP where DEPTNO IN (SELECT DEPTNO FROM DEPT WHERE DEPTNAME="COM");
```

-- 10) Update salary of all employees in deptno 10 by 5 %

```
update EMP SET SALARY = SALARY+(SALARY*0.05);
```

```
SELECT * FROM EMP;
```