CREATE TABLE EMPLOYEE( EMP\_ID NUMBER(5) PRIMARY KEY,EMP\_NAME VARCHAR(10),JOB\_NAME VARCHAR(10),MANAGER\_ID NUMBER(5) ,HIRE\_DATE DATE,SALARY DECIMAL(6,2),DEPT\_ID NUMBER(4));

DESC EMPLOYEE;

+------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+--------------+------+-----+---------+-------+

| EMP\_ID | int | NO | PRI | NULL | |

| EMP\_NAME | varchar(10) | YES | | NULL | |

| JOB\_NAME | varchar(10) | YES | | NULL | |

| MANAGER\_ID | int | YES | | NULL | |

| HIRE\_DATE | date | YES | | NULL | |

| SALARY | decimal(6,2) | YES | | NULL | |

| DEPT\_ID | int | YES | | NULL | |

+------------+--------------+------+-----+---------+-------+

7 rows in set (0.02 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES(66928,Kalyani','MANAGER',68319,DATE'1991-05-01',2750.00,3001);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES (67832,Suhas','MANAGER',68319,DATE'1991-06-09',2550.00,1001)

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES (65646,'Prathamesh,'MANAGER',68319,DATE'1991-04-02',2957.00,2001)

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES (67858,'Pallavi','ANALYST',65646,DATE'1997-04-19',3100.00,2001)

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES (69062,'Ram','ANALYST',65646,DATE'1991-12-03',3100.00,2001)

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES (63679,'Shreesh','CLERK',69062,DATE'1990-12-18',900.00,2001)

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES (64989,’Ronak','SALESMAN',66928,DATE'1991-02-20',1700.00,3001)

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,MANAGER\_ID,HIRE\_DATE,SALARY,DEPT\_ID) VALUES (65271,'Vaishnavi’,'SALESMAN',66928,DATE'1991-02-22',1350.00,3001)

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMPLOYEE(EMP\_ID,EMP\_NAME,JOB\_NAME,HIRE\_DATE,SALARY,DEPT\_ID) VALUES(68319,'Maithili','PRESIDENT',DATE'1991-11-18',6000.00,1001);

Query OK, 1 row affected (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE;

+--------+------------+-----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+------------+-----------+------------+------------+---------+---------+

| 63679 | Shreesh | CLERK | 69062 | 1990-12-18 | 900.00 | 2001 |

| 64989 | Ronak | SALESMAN | 66928 | 1991-02-20 | 1700.00 | 3001 |

| 65271 | Vaishnavi | SALESMAN | 66928 | 1991-02-22 | 1350.00 | 3001 |

| 65646 | PRATHAMESH | MANAGER | 68319 | 1991-04-02 | 2957.00 | 2001 |

| 66928 | KALYANI | MANAGER | 68319 | 1991-05-01 | 2750.00 | 3001 |

| 67832 | SUHAS | MANAGER | 68319 | 1991-06-09 | 2550.00 | 1001 |

| 67858 | Pallavi | ANALYST | 65646 | 1997-04-19 | 3100.00 | 2001 |

| 68319 | Maithili | PRESIDENT | NULL | 1991-11-18 | 6000.00 | 1001 |

| 69062 | Ram | ANALYST | 65646 | 1991-12-03 | 3100.00 | 2001 |

+--------+------------+-----------+------------+------------+---------+---------+

9 rows in set (0.00 sec)

mysql> SELECT EMP\_ID,JOB\_NAME,SALARY FROM EMPLOYEE;

+--------+-----------+---------+

| EMP\_ID | JOB\_NAME | SALARY |

+--------+-----------+---------+

| 63679 | CLERK | 900.00 |

| 64989 | SALESMAN | 1700.00 |

| 65271 | SALESMAN | 1350.00 |

| 65646 | MANAGER | 2957.00 |

| 66928 | MANAGER | 2750.00 |

| 67832 | MANAGER | 2550.00 |

| 67858 | ANALYST | 3100.00 |

| 68319 | PRESIDENT | 6000.00 |

| 69062 | ANALYST | 3100.00 |

+--------+-----------+---------+

9 rows in set (0.00 sec)

mysql> SELECT SUM(SALARY) FROM EMPLOYEE;

+-------------+

| SUM(SALARY) |

+-------------+

| 24407.00 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MAX(SALARY) FROM EMPLOYEE;

+-------------+

| MAX(SALARY) |

+-------------+

| 6000.00 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MIN(SALARY) FROM EMPLOYEE;

+-------------+

| MIN(SALARY) |

+-------------+

| 900.00 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT AVG(SALARY) FROM EMPLOYEE;

+-------------+

| AVG(SALARY) |

+-------------+

| 2711.888889 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE SALARY<3000;

+--------+------------+----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+------------+----------+------------+------------+---------+---------+

| 63679 | Shreesh | CLERK | 69062 | 1990-12-18 | 900.00 | 2001 |

| 64989 | Ronak | SALESMAN | 66928 | 1991-02-20 | 1700.00 | 3001 |

| 65271 | Vaishnavi | SALESMAN | 66928 | 1991-02-22 | 1350.00 | 3001 |

| 65646 | PRATHAMESH | MANAGER | 68319 | 1991-04-02 | 2957.00 | 2001 |

| 66928 | KALYANI | MANAGER | 68319 | 1991-05-01 | 2750.00 | 3001 |

| 67832 | SUHAS | MANAGER | 68319 | 1991-06-09 | 2550.00 | 1001 |

+--------+------------+----------+------------+------------+---------+---------+

6 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE SALARY>3000;

+--------+----------+-----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+----------+-----------+------------+------------+---------+---------+

| 67858 | Pallavi | ANALYST | 65646 | 1997-04-19 | 3100.00 | 2001 |

| 68319 | Maithili | PRESIDENT | NULL | 1991-11-18 | 6000.00 | 1001 |

| 69062 | Ram | ANALYST | 65646 | 1991-12-03 | 3100.00 | 2001 |

+--------+----------+-----------+------------+------------+---------+---------+

3 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE SALARY<>3100;

+--------+------------+-----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+------------+-----------+------------+------------+---------+---------+

| 63679 | Shreesh | CLERK | 69062 | 1990-12-18 | 900.00 | 2001 |

| 64989 | Ronak | SALESMAN | 66928 | 1991-02-20 | 1700.00 | 3001 |

| 65271 | Vaishnavi | SALESMAN | 66928 | 1991-02-22 | 1350.00 | 3001 |

| 65646 | PRATHAMESH | MANAGER | 68319 | 1991-04-02 | 2957.00 | 2001 |

| 66928 | KALYANI | MANAGER | 68319 | 1991-05-01 | 2750.00 | 3001 |

| 67832 | SUHAS | MANAGER | 68319 | 1991-06-09 | 2550.00 | 1001 |

| 68319 | Maithili | PRESIDENT | NULL | 1991-11-18 | 6000.00 | 1001 |

+--------+------------+-----------+------------+------------+---------+---------+

7 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE EMP\_NAME LIKE 'W%';

Empty set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE EMP\_NAME LIKE '-------';

Empty set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE EMP\_NAME LIKE '%E';

Empty set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE SALARY BETWEEN 2500 AND 3500;

+--------+------------+----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+------------+----------+------------+------------+---------+---------+

| 65646 | PRATHAMESH | MANAGER | 68319 | 1991-04-02 | 2957.00 | 2001 |

| 66928 | KALYANI | MANAGER | 68319 | 1991-05-01 | 2750.00 | 3001 |

| 67832 | SUHAS | MANAGER | 68319 | 1991-06-09 | 2550.00 | 1001 |

| 67858 | Pallavi | ANALYST | 65646 | 1997-04-19 | 3100.00 | 2001 |

| 69062 | Ram | ANALYST | 65646 | 1991-12-03 | 3100.00 | 2001 |

+--------+------------+----------+------------+------------+---------+---------+

5 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE WHERE SALARY IN(2750,3100);

+--------+----------+----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+----------+----------+------------+------------+---------+---------+

| 66928 | KALYANI | MANAGER | 68319 | 1991-05-01 | 2750.00 | 3001 |

| 67858 | Pallavi | ANALYST | 65646 | 1997-04-19 | 3100.00 | 2001 |

| 69062 | Ram | ANALYST | 65646 | 1991-12-03 | 3100.00 | 2001 |

+--------+----------+----------+------------+------------+---------+---------+

3 rows in set (0.00 sec)

mysql> SELECT EMP\_ID,EMP\_NAME AS NAME FROM EMPLOYEE;

+--------+------------+

| EMP\_ID | NAME |

+--------+------------+

| 63679 | Shreesh |

| 64989 | Ronak |

| 65271 | Vaishnavi |

| 65646 | PRATHAMESH |

| 66928 | KALYANI |

| 67832 | SUHAS |

| 67858 | Pallavi |

| 68319 | Maithili |

| 69062 | Ram |

+--------+------------+

9 rows in set (0.00 sec)

mysql> SELECT DISTINCT(JOB\_NAME) FROM EMPLOYEE;

+-----------+

| JOB\_NAME |

+-----------+

| CLERK |

| SALESMAN |

| MANAGER |

| ANALYST |

| PRESIDENT |

+-----------+

5 rows in set (0.00 sec)

mysql> SELECT DEPT\_ID,SUM(SALARY) FROM EMPLOYEE GROUP BY DEPT\_ID;

+---------+-------------+

| DEPT\_ID | SUM(SALARY) |

+---------+-------------+

| 2001 | 10057.00 |

| 3001 | 5800.00 |

| 1001 | 8550.00 |

+---------+-------------+

3 rows in set (0.00 sec)

mysql> SELECT JOB\_NAME,MAX(SALARY) FROM EMPLOYEE GROUP BY JOB\_NAME;

+-----------+-------------+

| JOB\_NAME | MAX(SALARY) |

+-----------+-------------+

| CLERK | 900.00 |

| SALESMAN | 1700.00 |

| MANAGER | 2957.00 |

| ANALYST | 3100.00 |

| PRESIDENT | 6000.00 |

+-----------+-------------+

5 rows in set (0.00 sec)

mysql> SELECT JOB\_NAME,MIN(SALARY) FROM EMPLOYEE GROUP BY JOB\_NAME HAVING JOB\_NAME = 'MANAGER';

+----------+-------------+

| JOB\_NAME | MIN(SALARY) |

+----------+-------------+

| MANAGER | 2550.00 |

+----------+-------------+

1 row in set (0.00 sec)

mysql> SELECT DEPT\_ID,MIN(SALARY) FROM EMPLOYEE GROUP BY DEPT\_ID HAVING DEPT\_ID IN(1001,2001);

+---------+-------------+

| DEPT\_ID | MIN(SALARY) |

+---------+-------------+

| 2001 | 900.00 |

| 1001 | 2550.00 |

+---------+-------------+

2 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE;

+--------+------------+-----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+------------+-----------+------------+------------+---------+---------+

| 63679 | Shreesh | CLERK | 69062 | 1990-12-18 | 900.00 | 2001 |

| 64989 | Ronak | SALESMAN | 66928 | 1991-02-20 | 1700.00 | 3001 |

| 65271 | Vaishnavi | SALESMAN | 66928 | 1991-02-22 | 1350.00 | 3001 |

| 65646 | PRATHAMESH | MANAGER | 68319 | 1991-04-02 | 2957.00 | 2001 |

| 66928 | KALYANI | MANAGER | 68319 | 1991-05-01 | 2750.00 | 3001 |

| 67832 | SUHAS | MANAGER | 68319 | 1991-06-09 | 2550.00 | 1001 |

| 67858 | Pallavi | ANALYST | 65646 | 1997-04-19 | 3100.00 | 2001 |

| 68319 | Maithili | PRESIDENT | NULL | 1991-11-18 | 6000.00 | 1001 |

| 69062 | Ram | ANALYST | 65646 | 1991-12-03 | 3100.00 | 2001 |

+--------+------------+-----------+------------+------------+---------+---------+

9 rows in set (0.00 sec)

mysql> DELETE FROM EMPLOYEE WHERE EMP\_ID=65271;

Query OK, 1 row affected (0.02 sec)

mysql> SELECT \* FROM EMPLOYEE;

+--------+------------+-----------+------------+------------+---------+---------+

| EMP\_ID | EMP\_NAME | JOB\_NAME | MANAGER\_ID | HIRE\_DATE | SALARY | DEPT\_ID |

+--------+------------+-----------+------------+------------+---------+---------+

| 63679 | Shreesh | CLERK | 69062 | 1990-12-18 | 900.00 | 2001 |

| 64989 | Ronak | SALESMAN | 66928 | 1991-02-20 | 1700.00 | 3001 |

| 65646 | PRATHAMESH | MANAGER | 68319 | 1991-04-02 | 2957.00 | 2001 |

| 66928 | KALYANI | MANAGER | 68319 | 1991-05-01 | 2750.00 | 3001 |

| 67832 | SUHAS | MANAGER | 68319 | 1991-06-09 | 2550.00 | 1001 |

| 67858 | Pallavi | ANALYST | 65646 | 1997-04-19 | 3100.00 | 2001 |

| 68319 | Maithili | PRESIDENT | NULL | 1991-11-18 | 6000.00 | 1001 |

| 69062 | Ram | ANALYST | 65646 | 1991-12-03 | 3100.00 | 2001 |

+--------+------------+-----------+------------+------------+---------+---------+

8 rows in set (0.00 sec)

mysql>