***SQL EXERCISE 1***

1:Create table SEMP:

create table semp

-> (

-> EMPNO char(4),

-> EMPNAME char(20),

-> BASIC float,

-> DEPTNO char(2),

-> DEPTHEAD char(4)

-> );

2:Create table SDEPT:

create table sdept

-> (

-> DEPTNO char(2),

-> DEPTNAME char(15)

-> );

3:Insert into SDEPT table:

mysql> insert into sdept values(10,'Development');

Query OK, 1 row affected (0.42 sec)

mysql> insert into sdept values(20,'Training');

Query OK, 1 row affected (0.42 sec)

4:Insert into SEMP table:

mysql> insert into semp(EMPNO,EMPNAME,BASIC,DEPTNO) values(0001,'SUNIL',6000,10);

Query OK, 1 row affected (0.43 sec)

mysql> insert into semp(EMPNO,EMPNAME,BASIC,DEPTNO) values(0002,'HIREN',8000,20);

Query OK, 1 row affected (0.40 sec)

mysql> insert into semp values(0003,'ALI',4000,10,0001);

Query OK, 1 row affected (0.28 sec)

mysql> insert into semp(EMPNO,EMPNAME,BASIC,DEPTHEAD) values(0004,'GEORGE',6000,0002);

Query OK, 1 row affected (0.15 sec)

5:Create table S,P,J SPJ:

S:

mysql> create table supplier

-> (

-> S varchar(4),

-> SNAME char(10),

-> STATUS int,

-> CITY char(10)

-> );

P:

mysql> create table parts

-> (

-> P varchar(4),

-> PNAME char(10),

-> COLOR char(10),

-> WEIGHT int,

-> CITY char(10)

-> );

J:

mysql> create table projects

-> (

-> J varchar(4),

-> JNAME char(10),

-> CITY char(10)

-> );

SPJ:

mysql> create table spj

-> (

-> S varchar(4),

-> P varchar(4),

-> J varchar(4),

-> QTY int

-> );

mysql> select \* from supplier;

6: select S, SNAME from supplier;

7: select PNAME, COLOR from parts

where CITY='LONDON';

8: select \* from supplier where CITY='LONDON';

9: select \* from supplier where CITY='PARIS' or CITY='ATHENS';

10: select \* from projects where CITY='ATHENS' ;

11: select \* from parts where WEIGHT>=12 and WEIGHT<=14;

12: select \* from supplier where STATUS >=20;

13: select \* from supplier where CITY!='LONDON';

14: select CITY from supplier;

15: select WEIGHT, WEIGHT\*1000 WEIGHT\_MILIGRAM, WEIGHT\*0.001 WEIGHT\_KILOGRAM from parts;