

1.

create database sample;

use sample;

```
CREATE TABLE employee_table(
```

```
    Empno numeric(5) NOT NULL,
```

```
    ProjId varchar(5),
```

```
    Last_name varchar(45) NOT NULL,
```

```
    First_name varchar(45) NOT NULL,
```

```
    HireDate date,
```

```
    Taskno numeric(35) NOT NULL,
```

```
    Language varchar(50),
```

```
    privilege varchar(25)
```

```
);
```

insert into

employee\_table(Empno,Last\_name,First\_name,HireDate,ProjId,Language,Taskno,privilege)values

(201,'Gupta','Saurav','1/1/95','NPR','VB',52,'Secret'),

(390,'Ghosh','Pinky','1/05/93','KCW','Java',11,'Top Secret'),

(789,'Agarwal','Praveen','08/31/98','Rnc','VB',11,'Secret'),

(134,'Chaudhary','Supriyo','07/15/95','TIPPS','C++',52,'Secret'),

(896,'Jha','Ranjit','06/15/95','KWC','Java',10,'Top Secret'),

(896,'john','peter','11/15/99','TIPPS','Java',52,NULL),

(896,'Anderson','Andy','08/15/94','NITTS','c++',89,'confidential');

delete from employee\_table where Last\_name='Chaudhary';

SELECT \* FROM employee\_table;

3.create database sample;

use sample;

```
create Table WEATHER(
```

```
    city varchar(50) NOT NULL,
```

```

state varchar(50),
High numeric(10) NOT NULL,
Low numeric(10) NOT NULL
);
insert into WEATHER(city,state,High,Low) values
('calcutta','west bengal',105,90),
('Trivandrum','kerala',101,92),
('mumbai','maharashtra',88,69),
('Bangalore','karnataka',77,60),
('NewDelhi','',80,72);
select *from WEATHER;

4.CREATE TABLE BOOKS(BookId integer PRIMARY KEY, title varchar(50),topicid
varchar(50),publisher_name varchar(45),
placeofpublication varchar(10),price integer,purchasedate date,shelfno varchar(10));

```

```

INSERT INTO
BOOKS(BookId,title,topicid,publisher_name,placeofpublication,price,purchasedate,shelfno) VALUES
(8293,'DBMS','DB1','prentice hall','mumbai',255,'1/1/95','s11');

```

```

INSERT INTO
BOOKS(BookId,title,topicid,publisher_name,placeofpublication,price,purchasedate,shelfno) VALUES
(5645,'DBMS','DB1','pearson education','mumbai',655,'1/05/93','S12'),
(6565,'C','C1','TMH','mumbai',840,'08/31/98','S66'),
(6567,'C++','Cplus1','ABC Publishers','Delhi',300,'07/15/97','S87'),
(3433,'OOPS','OOPS1','Dave Publishers','pune',600,'11/15/99','S56'),
(4655,'SAD','SAD1','Sajan Publishers','Cochin',700,'08/15/94','S76');
update BOOKS set title='DBMS' where shelfno='S10'
SELECT * FROM BOOKS;

```

5.

```

create database sample;
use sample;

CREATE TABLE Customer(
CUSTID numeric,

```

```

FNAME varchar(30),
LNAME varchar(30),
ADDRESS varchar(30),
PHONENO numeric not null,
CITY varchar(20),
COUNTRY varchar(20),
DATEFIRSTPURCHASED date,
SUPPLIEDID numeric
);

insert into
Customer(CUSTID,FNAME,LNAME,ADDRESS,PHONENO,CITY,COUNTRY,DATEFIRSTPURCHASED,SUPPL
IEDID)values

(1001,'Das','Jeyaseelan','119park Avenue,II street','9841093428','coimbatore','India','2004/01/10',1),
(2001,'Gopi','Govindraj','241,floor Kamaraj street
Madippakam','9444124590','chennai','India','2005/03/25',4),
(1201,'Dilip','Kishore','43, Avenue,II Anna Nagar','9997234534','Bangalore','India','2004/08/20',2),
(1300,'Aanand','Chowdhury','42/1 sector 1II street','99841054348','Bangalore','India','2005/05/15',2),
(1220,'chandra','Nagarajan','83,lab bagh','98410672356','Bangalore','India','2006/02/12',4),
(1221,'Abhishek','Kumar','13,kishori park','94447623901','chennai','India','2004/may/15',1),
(1320,'Nikhil','Pandit','218,alwaanya street','94448923091','salem','India','2004/04/21',3),
(1222,'Meenu','Monica','C11,church road','98410563421','trichy','India','2004/08/30',1),
(1225,'Pavan','Kumar','128/A,North Mada street','99934782103','maduari','India','2004/08/18',4);

select *from Customer;

6.create database sample;

use sample;

CREATE TABLE Customer(
    CUSTID numeric,
    FNAME varchar(30),
    LNAME varchar(30),
    ADDRESS varchar(30),
    PHONENO numeric not null,
    CITY varchar(20),

```

```

COUNTRY varchar(20),
DATEFIRSTPURCHASED date,
SUPPLIEDID numeric,
CONSTRAINT CustomerID PRIMARY KEY (CUSTID),
FOREIGN KEY (SUPPLIEDID) REFERENCES SUPPLIER (SUPPLIEDID)
);

create table SUPPLIER(
SUPPLIERID numeric,
SNAME varchar(50),
SCITY varchar(50),
SPHONE numeric(10),
EMAIL varchar(50)
);

insert into
Customer(CUSTID,FNAME,LNAME,ADDRESS,PHONENO,CITY,COUNTRY,DATEFIRSTPURCHASED,SUPPL
IEDID)values

(1001,'Das','Jeyaseelan','119park Avenue,II street','9841093428','coimbatore','India','2004/01/10',1),
(2001,'Gopi','Govindraj','241,floor Kamaraj street
Madippakam','9444124590','chennai','India','2005/03/25',4),
(1201,'Dilip','Kishore','43, Avenue,II Anna Nagar','9997234534','Bangalore','India','2004/08/20',2),
(1300,'Aanand','Chowdhury','42/1 sector 1II street','99841054348','Bangalore','India','2005/05/15',2),
(1220,'chandra','Nagarajan','83,lab bagh','98410672356','Bangalore','India','2006/02/12',4),
(1221,'Abhishek','Kumar','13,kishori park','94447623901','chennai','India','2004/05/15',1),
(1320,'Nikhil','Pandit','218,alwaanya street','94448923091','salem','India','2004/04/21',3),
(1222,'Meenu','Monica','C11,church road','98410563421','trichy','India','2004/08/30',1),
(1225,'Pavan','Kumar','128/A,North Mada street','99934782103','maduari','India','2004/08/18',4);

insert into SUPPLIER(SUPPLIERID,SNAME ,SCITY,SPHONE,EMAIL )values

(1,'Dilip','Chennai',8999900000,'dilip@abc.co.in'),
(2,'Tarun','Madurai',8999911111,'tarun@xyz.com'),
(3,'Naresh','Coimbatore',8999922222,'g.naresh@xyz.com'),
(4,'Ganesan','Trichy',8999933333,'Ganesan_83@ijk.com');

```

```
select *from Customer;

select *from SUPPLIER;

select *from Customer where CITY='chennai';

select *from Customer where SUPPLIEDID=2;

select *from SUPPLIER where SNAME like 'G%';

select *from SUPPLIER where SCITY='Coimbatore';

4|Ganesan|Trichy|8999933333|Ganesan_83@ijk.com

3|Naresh|Coimbatore|8999922222|g.naresh@xyz.com
```

```
CREATE TABLE Orders(

    ORDERID numeric,

    ORDERDATE date,

    CUSTID numeric,

    QUANTITY numeric,

    ITEMID numeric

);

insert into Orders(ORDERID,ORDERDATE,CUSTID,QUANTITY,ITEMID)values

(1,'2004/01/12',10001,30,25),

(2,'2005/05/06',1202,38,24),

(3,'2006/12/16',1202,10,22),

(4,'2004/05/21',1233,12,21);

select *from Orders where QUANTITY<35;
```

```
CREATE TABLE WORLDCITY(

city varchar(20),

country varchar(20),

continent varchar(20),

latitude numeric(2,2),

northsouth varchar(20),

longitude numeric(2,2),

eastwest varchar(10)
```

);

insert into WORLDCITY(city,country,continent,latitude,northsouth,longitude,  
eastwest)values

('Athens','Greece','Europe',37.59,'N',23.44,'E'),  
('Atlanta','United States','North America',3.45,'N',84.23,'W'),  
('Dallas','United States','North America',32.47,'N',96.47,'W'),  
('Nashville','United States','North America',36.09,'N',86.46,'W'),  
('Victoria','Canada','North America',48.25,'N',123.21,'W'),  
('Peterborough','Canada','North America',44.18,'N',79.18,'W'),  
('Vancouver','Canada','North America',49.18,'N',123.04,'W'),  
('Toledo','United States','North America',41.39,'N',83.82,'W'),  
('Warsaw','Poland','Europe',52.15,'N',21.00,'E'),  
('Lima','Peru','South America',12.03,'S',77.03,'W'),  
('Rio De Janeiro','Brazil','South America',22.43,'S',43.13,'W'),  
('Santiago','Chile','South America',33.27,'S',70.40,'W'),  
('Bogota','Colombia','South America',04.36,'N',74.05,'W'),  
('Buenos Aires','Argentina','South America',34.36,'S',58.28,'W'),  
('Quito','Ecuador','South America',00.13,'S',78.30,'W'),  
('Caracas','Venezuela','South America',10.30,'N',66.56,'W'),  
('Madras','India','Asia',28.36,'N',77.12,'E'),  
('Bombay','India','Asia',18.58,'N',72.50,'E'),  
('Manchester','England','Europe',51.30,'N',0.0,null),  
('Moscow','Russia','Europe',55.45,'N',37.35,'E'),  
('Paris','France','Europe',48.52,'N',2.20,'E'),  
('Shenyang','China','Asia',41.48,'N',123.27,'E'),  
('Cairo','Egypt','Africa',30.03,'N',31.15,'E'),  
('Tripoli','Lybia','Africa',32.54,'N',13.11,'E'),  
('Beijing','China','Asia',39.56,'N',116.24,'E'),  
('Rome','Italy','Europe',41.54,'N',12.29,'E'),  
('Tokyo','Japan','Asia',35.42,'N',139.46,'E'),  
('Sydney','Australia','Australia',33.52,'S',151.13,'E'),

('Sparta','Greece','Europe',37.05,'N',22.27,'E'),

('Madrid','Spain','Europe',40.24,'N',3.41,'W');

select distinct country,continent from WORLDCITY;

select city,country from WORLDCITY where city,country like %R;

select city,country from WORLDCITY where city,country like A%;

select city,country from WORLDCITY where city,country like \_A%;