```sql
create database db_name;

use db_name;

CREATE TABLE ELECTRICITY_CONNECTION_TYPE(id int primary key,connection_name
varchar(100) NOT NULL);
INSERT INTO ELECTRICITY_CONNECTION_TYPE VALUES(1,'KAMU');
INSERT INTO ELECTRICITY_CONNECTION_TYPE VALUES(2,'PAMU');
INSERT INTO ELECTRICITY_CONNECTION_TYPE VALUES(3,'RAMU');
SELECT * FROM ELECTRICITY_CONNECTION_TYPE;
SELECT id,connection_name from ELECTRICITY_CONNECTION_TYPE ORDER BY connection_name
ASC;
```

```sql
create table building(id int,owner_name varchar(100),address varchar(100),building_type_id
int,contact_number varchar(100));

insert into building
values(1,'PAMU','KAVALI',1,12345),(2,'LALITHA','NELLORE',2,678910),(9,'SANDY','ONG',8,45628);

select * from building;

select id,owner_name,address,building_type_id,contact_number from building order by
owner_name asc;
```

```sql
---CREATE TABLE BUILDING_TYPE(bid int primary key,name varchar(100),id int references
ELECTRICITY_CONNECTION_TYPE(id));
INSERT INTO BUILDING_TYPE VALUES(1,'AAA',1);
INSERT INTO BUILDING_TYPE VALUES(12,'BCS',1);
INSERT INTO BUILDING_TYPE VALUES(11,'ERT',1);
SELECT * FROM BUILDING_TYPE;
SELECT bid,name from BUILDING_TYPE ORDER BY name ASC;
```

```sql
-CREATE TABLE METER(mid int primary key,meter_number varchar(40),bid int references
BUILDING_TYPE(bid));
INSERT INTO METER VALUES(1,101,1);
INSERT INTO METER VALUES(5,701,12);
INSERT INTO METER VALUES(3,301,11);
SELECT * FROM METER;
SELECT meter_number FROM METER;
```

```sql
CREATE TABLE BUILDING(id int primary key,owner_name varchar(20),address
varchar(40),contact_number varchar(40),bid int references BUILDING_TYPE(bid));
INSERT INTO BUILDING VALUES(5,'LALITHA','KAVALI',12345,1);
INSERT INTO BUILDING VALUES(1,'ROSY','AP',67345,12);
INSERT INTO BUILDING VALUES(9,'SANDY','TN',3975,11);
SELECT * FROM BUILDING;
SELECT owner_name,contact_number FROM BUILDING ORDER BY owner_name ASC;
```

```sql
CREATE TABLE BILL(id int primary key,month int,year int,due_date DATE,total_units
int,payable_amount int,is_payed INT,fine_amount int,mid int references METER(mid));
INSERT INTO BILL VALUES(1,10,1999,'2000-08-01',10,3000,1000,500,1);
INSERT INTO BILL VALUES(8,04,2010,'1008-03-11',40,5000,6000,1500,5);
INSERT INTO BILL VALUES(5,06,2000,'2008-09-18',20,1000,4000,5000,3);
SELECT * FROM BILL;
```

```sql
CREATE TABLE ELECTRICITY_READING(eid int ,meter_id int,day DATE,total_units int);
INSERT INTO ELECTRICITY_READING VALUES(1,2,'2000-08-01',10);
INSERT INTO ELECTRICITY_READING VALUES(4,2,'1000-06-21',20);
INSERT INTO ELECTRICITY_READING VALUES(3,2,'6000-09-11',30);
SELECT * FROM ELECTRICITY_READING;
SELECT total_units FROM ELECTRICITY_READING ORDER BY total_units DESC;
```

```sql
CREATE TABLE SLAB(id int,connection_type int,from_unit int,to_unit int,rate int);
INSERT INTO SLAB VALUES(1,11,10,100,2);
INSERT INTO SLAB VALUES(5,21,100,1200,52);
INSERT INTO SLAB VALUES(3,01,60,1020,21);
SELECT * FROM SLAB ORDER BY from_unit ASC;
```

```sql
CREATE TABLE BUILDING(id int primary key,owner_name varchar(20),address
varchar(40),contact_number varchar(40),bid int references BUILDING_TYPE(bid));
INSERT INTO BUILDING VALUES(5,'NICHOLAS','KAVALI',12345,1);
INSERT INTO BUILDING VALUES(1,'ROSY','AP',67345,12);
INSERT INTO BUILDING VALUES(9,'SANDY','TN',3975,11);
SELECT * FROM BUILDING;
SELECT * FROM BUILDING WHERE owner_name='NICHOLAS';
```

```sql
CREATE TABLE BILL(id int primary key,month int,year int,due_date DATE,total_units
int,payable_amount int,is_payed INT,fine_amount int,mid int references METER(mid));
INSERT INTO BILL VALUES(1,10,1999,'2000-08-01',1000,3000,1000,500,1);
INSERT INTO BILL VALUES(8,04,2010,'1008-03-11',40000,5000,6000,1500,5);
INSERT INTO BILL VALUES(5,06,2000,'2008-09-18',20000,1000,4000,5000,3);
SELECT * FROM BILL WHERE total_units>10000 ORDER BY total_units DESC;
```

```sql
CREATE TABLE BILL(id int primary key,month int,year int,due_date DATE,total_units
int,payable_amount int,is_payed INT,fine_amount int,mid int references METER(mid));
INSERT INTO BILL VALUES(1,10,1999,'2000-08-01',1000,3000,1000,500,1);
INSERT INTO BILL VALUES(8,04,2010,'1008-03-11',40000,5000,6000,1500,5);
INSERT INTO BILL VALUES(5,06,2000,'2008-09-18',20000,1000,4000,5000,3);
SELECT * FROM BILL WHERE total_units>10000 ORDER BY total_units DESC;
SELECT * FROM BILL WHERE due_date='2000-08-01' ORDER BY payable_amount DESC;
```

```sql
CREATE TABLE BUILDING(id int primary key,owner_name varchar(20),address
varchar(40),contact_number varchar(40),email_address varchar(70),bid int references
BUILDING_TYPE(bid));

INSERT INTO BUILDING VALUES(5,'NICHOLAS','KAVALI',12345,'abc',1);
INSERT INTO BUILDING VALUES(1,'ROSY','AP',67345,'cgf',12);
INSERT INTO BUILDING VALUES(9,'SANDY','TN',3975,'NULL',11);
SELECT * FROM BUILDING;
SELECT owner_name,address,contact_number FROM BUILDING WHERE email_address='NULL'
ORDER BY owner_name ASC;
```

```sql
CREATE TABLE BUILDING(id int primary key,owner_name varchar(20),address
varchar(40),contact_number varchar(40),email_address varchar(70),bid int references
BUILDING_TYPE(bid));

INSERT INTO BUILDING VALUES(5,'MICHOLAS','KAVALI',12345,'abc',1);
INSERT INTO BUILDING VALUES(1,'MURPHY','AP',67345,'cgf',12);
```

```sql
INSERT INTO BUILDING VALUES(9,'SANDY','TN',3975,'NULL',11);
SELECT * FROM BUILDING;
SELECT * FROM BUILDING WHERE owner_name LIKE 'M%';
```

```sql
CREATE TABLE BUILDING(id int primary key,owner_name varchar(20),address
varchar(40),contact_number varchar(40),email_address varchar(70),bid int references
BUILDING_TYPE(bid));

INSERT INTO BUILDING VALUES(2,'MICHOLAS','KAVALI',12345,'abc',1);
INSERT INTO BUILDING VALUES(1,'MURPHY','AP',67345,'cgf',12);
INSERT INTO BUILDING VALUES(9,'SANDY','TN',3975,'NULL',11);
SELECT * FROM BUILDING;
SELECT * FROM BUILDING WHERE id=2 ORDER BY owner_name ASC;

--------------------------------------------------------------------------------

CREATE TABLE ELECTRICITY_READING(eid int ,meter_id int,day DATE,total_units int);

INSERT INTO ELECTRICITY_READING VALUES(1,2,'2000-08-01',800);
INSERT INTO ELECTRICITY_READING VALUES(4,2,'1000-06-21',720);
INSERT INTO ELECTRICITY_READING VALUES(3,2,'6000-09-11',300);
SELECT * FROM ELECTRICITY_READING WHERE total_units BETWEEN 500 AND 1000 ORDER BY
total_units ASC;
```