1. Write a query to create a table 'electricity\_connection\_type’.

create table electricity\_connection\_type(id int(11) primary key,connection\_name varchar(20) not null);

1. Write a query to create a table 'slab'.

create table slab(id int(11) primary key,connection\_type\_id int(11) not null,from\_unit int(11) not null,to\_unit int(11) not null,rate double not null,constraint connection\_type\_id\_fk foreign key(connection\_type\_id) references electricity\_connection\_type(id));

3) Write a query to create a table 'building\_type'.

create table building\_type(id int(11) primary key,name varchar(100) not null,connection\_type\_id int(11),constraint connection\_type\_id\_fk1 foreign key(connection\_type\_id) references slab(id));

4)Write a query to create a table 'building'

create table building(id int(11) primary key,owner\_name varchar(100) not null,address varchar(100)not null,building\_type\_id int(11),constraint building\_type\_id\_fk2 foreign key(building\_type\_id) references building(id),contact\_number varchar(100) not null,email\_number varchar(100) null);

5) Write a query to alter the column 'owner\_name' to 'building\_owner\_name' in the table 'building'.

alter table building change column owner\_name buliding\_owner\_name int(10);

6) Write a query to change the datatype of the column address in the table 'building' to varchar(255).

alter table building modify column address varchar(255);

8) Write a query to rename table 'building' to 'building\_details'.

alter table building rename buliding\_details;

9) Write a query to drop table 'slab'.

drop table slab;

10) Write a query to drop table 'building\_details'.

drop table buliding\_details;

11) Write a query to insert any 2 records into the 'electricity\_connection\_type' table.

insert into electricity\_connection\_type values(20,'connection1');

insert into electricity\_connection\_type values(40,'connection2');

12) Write a query to insert any 3 records into the 'slab' table.

insert into slab values(10,15,20,25,30);

insert into slab values(16,17,18,12,80);

insert into slab values(20,21,22,23,24);

13) Write a query to insert any 5 records into the 'building\_type' table

insert into building\_type values(5,'arun',6);

insert into building\_type values(1,'vimal',5);

insert into building\_type values(2,'suresh',3);

insert into building\_type values(1,'ramesh',12);

insert into building\_type values(5,'mahesh',16);

14) Write a query to change the from\_unit value from 0 to 1 in the 'slab' table.

update slab set to\_unit=1 where to\_unit=0 and id=15;

16) Write a query to delete the entire details of the table 'slab’.

delete from slab where id=15 and id=16 and id=17;

17) Write a query to delete the rows from the table 'building\_type' where the electricity connection is home.

delete from building\_type where connection\_type\_id=1;