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,Foreign key(connection\_type\_id) References electricity\_connection\_type(id));

1. Write a query to create a table 'building\_type'.

create table building\_type(id int(11) primary Key, name varchar(100) NOT NULL,conection\_type\_id int(11) NOT NULL,Foreign key(connection\_type\_id) References electricity\_connection\_type(id));

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

create table building(id int(11) primary key,ownername varchar(100) NOT NULL,address varchar(100) NOT NULL,building\_type\_id int(11) NOT NULL,contact\_number varchar(100) NOT NULL,email\_address varchar(100) NOT NULL,foreign key(building\_type\_id) references building\_type(id));

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

alter table building

change column ownername building\_owner\_name varchar(100);

1. 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);

1. Write a query to create a constraint which allows only 'commercial' or 'home' connection\_name in the 'electricity\_connection\_type' table.Specify constraint name as 'check\_connection\_name'.

Create table electricity\_connection\_type(id int(11) primary key,connection\_name varchar(20) NOT NULL, CONSTRAINT CONSTRAINT check\_connection\_name check(connection\_name in (‘commercial’, ‘home’));

1. Write a query to rename table 'building' to 'building\_details'.

RENAME TABLE building to building\_details;

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

drop table slab;

1. Write a query to drop table 'building\_details'.

drop table building\_details;

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

insert into electricity\_connection\_type values(1,'home'),(2,'commercial');

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

insert into slab values(1,1,20,30,500),(2,1,15,25,400),(3,2,45,67,700);

1. Write a query to insert any 5 records into the 'building\_type' table

insert into building\_type values(1,'two storey',1),(2,'apartment',3);

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

update slab set from\_unit=1 where id=4;

15) Write a query to change the name 'Shopping Mall' to 'Mall' in the building\_type table.

update building\_type set name='Mall' where id=3;

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

delete \* from slab;