use handson\_sql;

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

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));

create table building\_type(id int(11) primary key,name varchar(100)not null,connection\_type\_id int(11) not null,foreign key (connection\_type\_id) references electricity\_connection\_type(Id));

create table building (id int(11) primary key,owner\_name 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)null,foreign key(building\_type\_id) references building\_type(id));

alter table building rename column owner\_name to building\_owner\_name;

alter table building modify column address varchar(255);

alter table electricity\_connection\_type add constraint check\_connection\_name check(connection\_name="Home"||connection\_name="Commercial");

alter table building rename to building\_details;

drop table slab;

drop table building\_details;

insert into electricity\_connection\_type(Id,connection\_name) values (1,'Home'),(2,'Commercial');

insert into slab(id ,connection\_type\_id,from\_unit,to\_unit ,rate ) values(1,1,0,30,50),(2,2,0,40,60),(3,1,0,35,70);

insert into building\_type (id ,name,connection\_type\_id) values (1,'shoppingmall',2),(2,'house',1),(3,'stadium',2),(4,'office',2),(5,'appartment',1);

update slab set from\_unit=1 where id=1 or id=2 or id=3 ;

update building\_type set name='mall' where id=1;

delete from slab where id=1 or id=2 or id=3 ;

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