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use handsonone;

create table electricity_connection_type(id int primary key,connection_name varchar(100) not null);

create table slab(id int ,connection_type_id int not null,from_unit int not null,to_unit int not null,
rate double not null,primary key(id),foreign key (connection_type_id) references
electricity_connection_type(id));

create table building_type(id int,name varchar(100)not null,connection_type_id int not null,primary
key(id),
foreign key (connection_type_id) references electricity_connection_type(id));

create table building (id int,owner_name varchar(100) not null,address varchar(100)not
null,building_type_id int not null,
contact_number varchar(100)not null,email_address varchar(100)null,primary key(id),
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);

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desc electricity_connection_type;

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desc slab;

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desc building_type;

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desc building;

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alter table electricity_connection_type add constraint check_connection_name

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check(connection_name="Home" || connection_name="Commercial");

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alter table building rename to building_details;

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drop table slab;

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drop table building_details;

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insert into electricity_connection_type(id,connection_name) values (1,'Home'),(2,'Commercial');

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select * from electricity_connection_type;

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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);

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insert into building_type (id ,name,connection_type_id) values (1,'shopping  
mall',1),(2,'park',2),(3,'stadium',1),(4,'bus',2),(5,'appartment',1);
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update slab set from_unit=1 where id=1 or id=2 or id=3 ;
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update building_type set name=mall where id=1;
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delete from slab;
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```
delete from building_type where connection_type_id=1;
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