**DDL HANDSONS**

* create database electricity\_bill;
* use electricity\_bill;
* create table electricity\_connection\_type (id int,connection\_name varchar(20) NOT NUll,constraint id\_pk primary key(id));
* show Tables;
* desc electricity\_connection\_type;
* create table slab(id int primary key,connection\_type\_id int NOT NULL,from\_unit int NOT NULL,to\_unit int NOT NULL,rate double NOT NULL,constraint connection\_type\_id\_fk foreign key(connection\_type\_id) references electricity\_connection\_type(id));
* show tables;
* desc slab;
* create table building\_type(id1 int ,name varchar(100),connection\_type\_id1 int(20) not null,constraint id1\_pk primary key(id1),constraint connection\_type\_id1\_fk foreign key(connection\_type\_id1) references electricity\_connection\_type(id));
* show tables;
* desc building\_type;
* create table building(id int ,owner\_name varchar(20) NOT NULL,address varchar(20) NOT NULL,building\_type\_id int NOT NULL,email\_address varchar(100),constraint id\_pk primary key(id),constraint building\_type\_id\_fk foreign key(building\_type\_id) references building\_type(id1));
* show tables;
* desc building;
* alter table building change owner\_name building\_owner\_name varchar(20);
* desc building;
* alter table building modify address varchar(255);
* desc building;
* alter table electricity\_connection\_type add constraint check\_connection\_type check( connection\_name in('home','commercial'));
* desc electricity\_connection\_type;
* alter table building rename to building\_details;
* desc building\_details;
* drop table slab;
* drop table building\_details;
* insert into electricity\_connection\_type(id,connection\_name) values (1,'commercial'),(2,'home');
* select \* from electricity\_connection\_type;
* create table slab(id int primary key,connection\_type\_id int NOT NULL,from\_unit int NOT NULL,to\_unit int NOT NULL,rate double NOT NULL,constraint connection\_type\_id\_fk foreign key(connection\_type\_id) references electricity\_connection\_type(id));
* insert into slab(id,connection\_type\_id,from\_unit,to\_unit,rate) values (1,1,1,100,50.0),(2,2,1,80,40.0);
* insert into electricity\_connection\_type(id,connection\_name) values (3,'home'),(4,'commercial'),(5,'commercial');
* insert into building\_type(id1,name,connection\_type\_id1) values (1,'appartment',1),(2,'Villa',2),(3,'home',3),(4,'appartment',4),(5,'theater',5);
* update slab set from\_unit=1 where connection\_type\_id in (1,2);
* insert into building\_type(id1,name,connection\_type\_id1) values (6,'shopping mall',1);
* select \* from slab;
* alter table building\_type change name name1 varchar(20);
* select \* from building\_type;
* update building\_type set name1 = 'mall' where name1 = 'shopping mall';
* delete from slab where connection\_type\_id in (1,2);
* select \* from slab;
* delete from building\_type where connection\_type\_id1=2;
* select \* from building\_type;