**MYSQL HANDSON**

1. create database electricitybill;
2. use electricitybill;
3. create table electricity\_connection\_type( id int primary key, connection\_name varchar(20) not null);
4. desc electricity\_connection\_type;
5. create table slap (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));
6. desc slap;
7. create table building\_type(id int primary key, name varchar(100),connection\_type1\_id int(20) not null, constraint connection\_type1\_id\_FK foreign key(connection\_type1\_id) references electricity\_connection\_type(id));
8. desc building\_type;
9. show tables;
10. create table building(id int primary key, owner\_name varchar(100) not null, address varchar(100) not null, building\_type\_id int not null,email\_address varchar(100) not null, constraint building\_type\_id\_FK foreign key(building\_type\_id) references building\_type(id));
11. desc building;
12. alter table building change owner\_name building\_ownner\_name varchar(100);
13. desc building;
14. alter table building modify address varchar(255);
15. desc building;
16. alter table electricity\_connection\_type add constraint check\_connection\_type check(connection\_name in('home','commercial'));
17. desc electricity\_connection\_type;
18. alter table building rename to building\_details;
19. drop table slap;
20. drop table building\_details;
21. insert into electricity\_connection\_type values(1,’ak’);
22. insert into electricity\_connection\_type values(2,’chn');
23. create table slap (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));
24. insert into slap (id,connection\_type\_id, from\_unit,to\_unit,rate) values(1,1,1,12,7.0);
25. insert into slap (id,connection\_type\_id, from\_unit,to\_unit,rate) values(2,2,2,112,9.0);
26. insert into electricity\_connection\_type (id,connection\_name) values(3,'chn'),(4,’cpt’),(5,’covai’);
27. insert into building\_type(id,name,connection\_type1\_id) values (1,'home',1),(2,'apartment',2),(3,'land',3),(4,'goodown',4),(5,'school',5);
28. update slap set from\_unit=1 where connection\_type\_id in (1,2);
29. insert into building\_type(id,name,connection\_type1\_id) values (6,'shopping mall',1);
30. update building\_type set name1 = 'mall' where name1 = 'shopping mall';