

4 september 2019

create table – d
drop table – d
rename table – d
alter table – d
duplicate table – d
insert value into table
arrange 2 or 3 table values and create another table
add column – d
delete column – d
change column data type – d
auto increment
sequences
identity column
truncate table – d
temporary table
copy a table – d

Create table:

syntex:

create table tablename();

```
-- create table catagory(  
--   catagory_id int primary key not null,  
--   name varchar(50) not null,  
--   last_update timestamp not null  
-- );
```

```
-- create table inventory(  
--   inventroy_id int primary key not null,  
--   film_id int not null,  
--   store_id int not null,  
--   last_update timestamp not null  
-- );
```

```
-- create table customer(  
--   customer_id int primary key not null,  
--   store_id int not null,  
--   first_name text not null,  
--   last_name text not null,  
--   email varchar(255) not null,  
--   address_id varchar not null,  
--   activebool boolean not null,  
--   create_date date not null,  
--   last_update timestamp not null,  
--   active boolean not null  
-- );
```

```
-- create table film_catagory(  
--   film_id int not null,  
--   catagory_id int not null,  
--   last_update timestamp not null  
-- );
```

```
-- film_id int not null,  
--     catagory_id serial not null,  
--     last_update timestamp not null,  
--     primary key(film_id,catagory_id)  
-- );
```

```
create table rental(  
rental_id int primary key not null,  
    rental_date date not null,  
    inventory_id int not null,  
    customer_id int not null,  
    return_date date not null,  
    staff_id int not null,  
    last_update timestamp not null,  
    foreign key(inventroy_id,customer_id));
```

add new colum: alter table table_name add column new_column_name type;
alter table address add column active boolean;

```
alter table address add column active1 boolean;  
alter table address add column active2 boolean;  
alter table catagory add column name1 varchar;  
alter table film add column film_name varchar;
```

drop/remove column into table: syntax: ALTER TABLE table_name DROP COLUMN column_name;
alter table address drop column active1;

rename an exsting column: syntax: ALTER TABLE table_name RENAME COLUMN column_name to new_column_name;
alter table address rename column active to active_plus;

to cahnge default value: syntax: alter table table_name alter column column[set dedault value | drop default]
alter table address alter column address set default 'yy';

```
select * from catagory;  
create table active(id int not null,name varchar not null);  
truncate table: syntax: TURNCATE TABLE table_name;  
truncate table payment;  
select * from payment;  
create table catagory1 as table catagory;
```


