```
//SQL_basic_operations
//create table
create table demo_table(empid int(3),
   -> name varchar(50),
   -> sal int(6),
   -> deptid varchar(3));
//show table
desc demo_table;
```

```
mysql> desc demo_table;
  Field
                           Null
                                  Key
                                         Default
           Type
                                                    Extra
                           YES
  empid
                                         NULL
           varchar(50)
                           YES
  name
                           YES
            varchar(3)
                           YES
 rows in set (0.02 sec)
```

```
//insert datas
insert into demo_table values(
    -> 1,'AA',10000,'01');
insert into demo_table values(
    -> 2,'BB',20000,'01');
insert into demo_table values(
    -> 3,'CC',15000,'02');
insert into demo_table values(
    -> 4,'DD',12000,'02');
insert into demo_table values(
    -> 5,'EE',13000,'02');
```

//print the whole table

select * from demo_table;

++++ empid name sal deptid					
+	+	+			
AA		01			
BB	20000	01			
cc	15000	02			
DD	12000	02			
EE	13000	02			
+	+	+			
	AA BB CC DD EE	AA 10000 BB 20000 CC 15000 DD 12000			

//create another table

create table demo_table2(deptid varchar(3),dname varchar(50),dloc varchar(50));

//show that table

desc demo_table2;

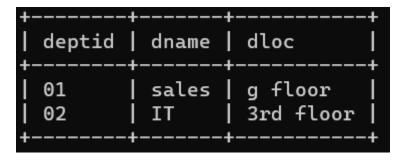
+	+ Type	+ Null	 Key	Default	Extra
dname	varchar(3) varchar(50) varchar(50)	YES	 	NULL NULL NULL	

//insert datas to that table

insert into demo_table2 values('01','sales','g floor'),('02','IT','3rd floor');

//print the table

select * from demo_table2;



```
//alter that table
alter table demo_table2 add sal int(5);
//print the table
select * from demo_table2;
```



```
//update that table
update demo_table2 set sal=16000 where deptid='01';
update demo_table2 set sal=14000 where deptid='02';
```

//print the table select * from demo_table2;

alter table demo_table2 modify deptid int(3); //modify

```
//create another table
create table demo_table3(dept_id varchar(3),d_name varchar(50));
```

//show the table

desc demo_table3;



//insert datas to that table

insert into demo_table3 values('01','CSE'),('02','MBA');

//print the table

select * from demo_table3;

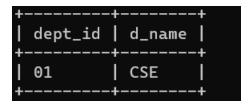


//delete from demo_table3

delete from demo_table3 where d_name='MBA';

//print the table

select * from demo_table3;

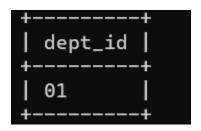


// delete a col from demo_table3

alter table demo_table3 drop column d_name;

//print the table

select * from demo_table3;



//delete demo_table3 drop table demo_table3;

//print the table after deletion select * from demo_table3;

ERROR 1146 (42S02): Table 'mysql.demo_table3' doesn't exist