

Alter table

```
mysql> alter table emp rename to employee;  
Query OK, 0 rows affected (0.80 sec)
```

```
mysql> rename employee to emp;
```

```
*****  
to rename col name  
alter table tablename rename column oldcolname to newcolname;
```

```
*****
```

```
mysql> alter table emp drop column gst;  
Query OK, 0 rows affected (0.66 sec)
```

```
*****
```

```
mysql> alter table emp drop gst;  
Query OK, 0 rows affected (0.51 sec)
```

```
*****
```

```
to delete column:  
mysql> alter emp drop gst;
```

```
*****
```

```
to add column in existing table:  
mysql> alter table emp add column gst int;
```

```
*****
```

```
length of col:  
mysql> alter table emp modify ename varchar(20);
```

```
*****
```

```
mysql> update emp set gst=0;  
Query OK, 5 rows affected (0.16 sec)  
Rows matched: 5 Changed: 5 Warnings: 0
```

```
mysql> select * from emp;
```

```
+-----+-----+-----+-----+-----+-----+-----+  
| empno | ename  | sal   | depno | job    | mgr   | gst   |  
+-----+-----+-----+-----+-----+-----+-----+  
| 1     | Arun   | 8000  | 1     | M      | 4     | 0     |  
| 2     | Ali    | 7000  | 1     | C      | 1     | 0     |  
| 3     | Kirun  | 3000  | 1     | C      | 1     | 0     |  
| 4     | Thomas | 8000  | 2     | C      | NULL  | 0     |  
| 5     | Jack   | 5000  | 2     | M      | 4     | 0     |  
+-----+-----+-----+-----+-----+-----+-----+
```

```
*****
```

```
mysql> alter table emp add x1 char(4);  
Query OK, 0 rows affected (0.65 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> update emp set gst=x1;  
Query OK, 5 rows affected (0.26 sec)  
Rows matched: 5 Changed: 5 Warnings: 0
```

```
mysql> select * from emp;
```

empno	ename	sal	deptno	job	mgr	gst	x1
1	Arun	8000	1	M	4	NULL	NULL
2	Ali	7000	1	C	1	NULL	NULL
3	Kirun	3000	1	C	1	NULL	NULL
4	Thomas	8000	2	C	NULL	NULL	NULL
5	Jack	5000	2	M	4	NULL	NULL

copy rows from one table to another. but structure of tables should be same

```
> insert into emp_demo select * from emp;
```

To copy specific row from one table to another

```
mysql> insert into emp_demo select * from emp where job = 'M';
```

copy a table:

```
mysql> create table empdemo
```

```
-> as
```

```
-> select * from emp;
```

```
Query OK, 5 rows affected (1.21 sec)
```

```
Records: 5 Duplicates: 0 Warnings: 0
```

only structure from emp

```
mysql> create table empdemo
```

```
-> as
```

```
-> select empno,ename,sal from emp;
```

```
mysql> delete from empdemo;
```

```
Query OK, 5 rows affected (0.20 sec)
```

```
mysql> select * from empdemo;
```

```
Empty set (0.00 sec)
```

truncate also do same delete all rows and commit

```
mysql> create table empdemo
```

```
-> as
```

```
-> select empno,ename,sal from emp;
```

```
truncate table empdemo;
```

change position of col in table

```
1.mysql> create table empdemo1
```

```
-> as
```

```
-> select empno,sal,ename from empdemo;
```

```
2.mysql> drop table empdemo;
```

3.

```
mysql> rename empdemo1 to empdemo;
```

