

```

mysql>
mysql> create database dat2;
Query OK, 1 row affected (0.01 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| dat2     |
| information_schema |
| mysql    |
| performance_schema |
| sys      |
+-----+
5 rows in set (0.02 sec)

mysql> use dat2;
Database changed
mysql> create table workers(s_no int,Name char(12),Designation char(10));
Query OK, 0 rows affected (0.04 sec)

mysql> desc workers;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| s_no  | int  | YES  |     | NULL    |       |
| Name  | char(12) | YES  |     | NULL    |       |
| Designation | char(10) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

mysql> alter table workers
-> add Branch char(15);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

```

```
mysql> desc workers;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
Name	char(12)	YES		NULL	
Designation	char(10)	YES		NULL	
Branch	char(15)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> drop table workers;
```

```
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> _
```

```
mysql> create table bank(s_no int,cust_Name char(12),Acc_no int,Balance int,cus_Branch char(12));
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc bank;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
cust_Name	char(12)	YES		NULL	
Acc_no	int	YES		NULL	
Balance	int	YES		NULL	
cus_Branch	char(12)	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> insert into bank values(1,'Tamizh',1001,100000,'chennai');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into bank values(2,'Abinav',1002,100,'ohio');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into bank values(3,'harish',1003,50000,'japan');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into bank values(4,'sam',1004,75000,'america');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into bank values(5,'vikram',1005,25000,'chennai');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select *from bank;
```

s_no	cust_Name	Acc_no	Balance	cus_Branch
1	Tamizh	1001	100000	chennai
2	Abinav	1002	100	ohio
3	harish	1003	50000	japan
4	sam	1004	75000	america
5	vikram	1005	25000	chennai

```
mysql> update bank
-> set cus_Branch='korea'
-> where s_no=5;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select * fron bank;
ERROR 1064 (42000): You have an error in your SQL syntax; check the ma
mysql> select * from bank;
```

s_no	cust_Name	Acc_no	Balance	cus_Branch
1	Tamizh	1001	100000	chennai
2	Abinav	1002	100	ohio
3	harish	1003	50000	japan
4	sam	1004	75000	america
5	vikram	1005	25000	korea

5 rows in set (0.00 sec)

```
mysql> select cust_name,Acc_no,Balance from bank order by cust_name;
```

cust_name	Acc_no	Balance
Abinav	1002	100
harish	1003	50000
sam	1004	75000
Tamizh	1001	100000
vikram	1005	25000

5 rows in set (0.00 sec)

```
mysql> create table employee(s_no int primary key,name char(12),designation char(12),branch char(15));
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
s_no	int	NO	PRI	NULL	
name	char(12)	YES		NULL	
designation	char(12)	YES		NULL	
branch	char(15)	YES		NULL	

4 rows in set (0.00 sec)

```
mysql> create table workers(s_no int,name char(12),designation char(12),branch char(15),foreign key(s_no) references employee(s_no));
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> desc workers;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES	MUL	NULL	
name	char(12)	YES		NULL	
designation	char(12)	YES		NULL	
branch	char(15)	YES		NULL	

4 rows in set (0.00 sec)

```
mysql> create table book(s_no int,name char(20),MC char(15),studios char(12));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc book;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
name	char(20)	YES		NULL	
MC	char(15)	YES		NULL	
studios	char(12)	YES		NULL	

4 rows in set (0.00 sec)

```
mysql> commit;
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> savepoint CP1;
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> insert into book values(1,'Berserk','GUTS','MAPPA');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into book values(2,'Attack on Titan','EREN YEAGER','WIT');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into book values(3,'Monster','JOHAN LIEBERT','BONES');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from book;
```

s_no	name	MC	studios
1	Berserk	GUTS	MAPPA
2	Attack on Titan	EREN YEAGER	WIT
3	Monster	JOHAN LIEBERT	BONES

3 rows in set (0.00 sec)

```
mysql> rollback to CP1;
ERROR 1305 (42000): SAVEPOINT CP1 does not exist
```

```
mysql> create table bank(s_no int,cust_name char(12),acc_no int,balance int,cus_branch char(12));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc bank;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
cust_name	char(12)	YES		NULL	
acc_no	int	YES		NULL	
balance	int	YES		NULL	
cus_branch	char(12)	YES		NULL	

```
5 rows in set (0.01 sec)
```

```
mysql> insert into bank values(1,'kanishk',1001,50000,'chennai');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into bank values(1,'sumukh',1001,70000,'madurai');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into bank values(3,'ram',1003,40000,'kolkata');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into bank values(4,'raagul',1004,80000,'hyderabad');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from bank;
```

s_no	cust_name	acc_no	balance	cus_branch
1	kanishk	1001	50000	chennai
1	sumukh	1001	70000	madurai
3	ram	1003	40000	kolkata
4	raagul	1004	80000	hyderabad

```
4 rows in set (0.00 sec)
```

```
mysql> select * from bank where acc_no between 1001 and 1003;
```

s_no	cust_name	acc_no	balance	cus_branch
1	kanishk	1001	50000	chennai
1	sumukh	1001	70000	madurai
3	ram	1003	40000	kolkata

```
3 rows in set (0.00 sec)
```

```
mysql> create table project(s_no int,p_name char(12),coordinators char(12),p_price int,location char(12));
Query OK, 0 rows affected (0.05 sec)
```

```
mysql> desc project;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
p_name	char(12)	YES		NULL	
coordinators	char(12)	YES		NULL	
p_price	int	YES		NULL	
location	char(12)	YES		NULL	

```
5 rows in set (0.04 sec)
```

```
mysql> insert into project values(1,'DEMON SLAYER','TAMIL KYOMA',1000,'japan');
Query OK, 1 row affected (0.07 sec)
```

```
mysql> insert into project values(2,'FATE STAY NIGHT','ISHIDA SELVAN',850,'INDIA');
ERROR 1406 (22001): Data too long for column 'p_name' at row 1
```

```
mysql> insert into project values(2,'FATE ','ISHIDA SELVAN',850,'INDIA');
ERROR 1406 (22001): Data too long for column 'coordinators' at row 1
```

```
mysql> insert into project values(2,'FATE ','ISHIDA ',850,'INDIA');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into project values(3,'HIGURASHI','OOMESH',500,'AMERICA');
Query OK, 1 row affected (0.04 sec)
```

```
mysql> select * from project;
```

s_no	p_name	coordinators	p_price	location
1	DEMON SLAYER	TAMIL KYOMA	1000	japan
2	FATE	ISHIDA	850	INDIA
3	HIGURASHI	OOMESH	500	AMERICA

```
3 rows in set (0.02 sec)
```



```
mysql> select location,count(location) from project group by location;
```

location	count(location)
japan	1
INDIA	1
AMERICA	1

```
3 rows in set (0.06 sec)
```

```
mysql> select * from project order by coordinators;
```

s_no	p_name	coordinators	p_price	location
2	FATE	ISHIDA	850	INDIA
3	HIGURASHI	OOMESH	500	AMERICA
1	DEMON SLAYER	TAMIL KYOMA	1000	japan

```
3 rows in set (2.27 sec)
```

```
mysql>
```

```
mysql> create table employee(s_no int,name char(20),designation char(20),branch char(20));
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
name	char(20)	YES		NULL	
designation	char(20)	YES		NULL	
branch	char(20)	YES		NULL	

```
4 rows in set (0.04 sec)
```

```
mysql> insert into employee values(1,'L_LAWLIET','DETECTIVE','VINLAND');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into employee values(2,'LEVI ACKERMAN','SURVEY CORP','SHIGANSHINA');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into employee values(3,'STEPHEN ROGERS','MANAGER','CHENNAI');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from employee;
```

s_no	name	designation	branch
1	L_LAWLIET	DETECTIVE	VINLAND
2	LEVI ACKERMAN	SURVEY CORP	SHIGANSHINA
3	STEPHEN ROGERS	MANAGER	CHENNAI

```
3 rows in set (0.00 sec)
```

```
mysql> select name from employee where designation='MANAGER' and branch='CHENNAI';
```

name
STEPHEN ROGERS

```
1 row in set (0.01 sec)
```

```
mysql> create table employee(s_no int,name char(20),designation char(20),branch char(20));
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
name	char(20)	YES		NULL	
designation	char(20)	YES		NULL	
branch	char(20)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> insert into employee values(1,'JONATHAN MAJORS','CEO','AMERICA');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into employee values(2,'ABINAV AKSHAY','BEGGER','OHIO');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into employee values(3,'PETER PARKER','REPORTER','NEW YORK');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into employee values(4,'STEPHEN KING','WRITER','TORONTO');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into employee values(5,'STEVE ROGERS','SOLDIER','BRITAIN');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from employee;
```

s_no	name	designation	branch
1	JONATHAN MAJORS	CEO	AMERICA
2	ABINAV AKSHAY	BEGGER	OHIO
3	PETER PARKER	REPORTER	NEW YORK
4	STEPHEN KING	WRITER	TORONTO
5	STEVE ROGERS	SOLDIER	BRITAIN

```
5 rows in set (0.00 sec)
```

```
mysql> create index FIRST on employee(designation);
Query OK, 0 rows affected (0.05 sec)
```

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

```
mysql> show index from employee from dat2;
```

Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_comment	Visible	Expression
employee	1	FIRST	1	designation	A	5	NULL	NULL	YES	BTREE			YES	NULL

```
1 row in set (0.01 sec)
```

```
mysql> create view MEN as select name,designation from employee;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> select * from MEN;
```

name	designation
JONATHAN MAJORS	CEO
ABINAV AKSHAY	BEGGER
PETER PARKER	REPORTER
STEPHEN KING	WRITER
STEVE ROGERS	SOLDIER

```
5 rows in set (0.00 sec)
```

```
mysql> alter table employee drop index FIRST;
```

```
Query OK, 0 rows affected (0.01 sec)
```

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

```
mysql> drop view MEN;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> create table bank(s_no int,name char(20),designation char(20),branch char(20),salary int);
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc bank;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
name	char(20)	YES		NULL	
designation	char(20)	YES		NULL	
branch	char(20)	YES		NULL	
salary	int	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> insert into bank values(1,'harish','CEO','america',100000);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into bank values(2,'kanishk','president','japan',750000);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into bank values(3,'tamil','manager','chennai',500000);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into bank values(4,'abinav','account_head','africa',720000);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from bank;
```

s_no	name	designation	branch	salary
1	harish	CEO	america	100000
2	kanishk	president	japan	750000
3	tamil	manager	chennai	500000
4	abinav	account_head	africa	720000

```
4 rows in set (0.00 sec)
```

```
mysql> delimiter //
mysql> create procedure great_sal(in n int)
-> begin
-> select * from bank
-> where salary > n;
-> end//
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> call great_sal(650000);
-> end//
```

s_no	name	designation	branch	salary
2	kanishk	president	japan	750000
4	abinav	account_head	africa	720000

2 rows in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

```
mysql> create table workers(s_no int,name char(20),designation char(20),branch char(20));
Query OK, 0 rows affected (0.05 sec)
```

```
mysql> insert into workers values(1,'Martin','Manager','Chennai');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into workers values(2,'Sopna','Supervisor','madurai');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into workers values(3,'Hunter','Assistant','Trichy');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> desc workers;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
name	char(20)	YES		NULL	
designation	char(20)	YES		NULL	
branch	char(20)	YES		NULL	

```
4 rows in set (0.02 sec)
```

```
mysql> alter table workers add salary int;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc workers;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
name	char(20)	YES		NULL	
designation	char(20)	YES		NULL	
branch	char(20)	YES		NULL	
salary	int	YES		NULL	

```
5 rows in set (0.01 sec)
```

```
mysql> create table trainee as select * from workers;
Query OK, 3 rows affected (0.02 sec)
Records: 3 Duplicates: 0 Warnings: 0
```

```
mysql> delete from trainee where s_no=2;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> delete from trainee where s_no=2;  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from trainee;
```

s_no	name	designation	branch	salary
1	Martin	Manager	Chennai	NULL
3	Hunter	Assistant	Trichy	NULL

```
2 rows in set (0.00 sec)
```

```
mysql> select * from workers;
```

s_no	name	designation	branch	salary
1	Martin	Manager	Chennai	NULL
2	Sopna	Supervisor	madurai	NULL
3	Hunter	Assistant	Trichy	NULL

```
3 rows in set (0.00 sec)
```

```
mysql> drop table trainee;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> drop table workers;
```

```
Query OK, 0 rows affected (0.01 sec)
```



```
mysql> create table bank(s_no int,cust_name char(20),acc_no int,balance int,cus_branch char(20));
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> insert into bank values(1,'Ramesh',12378,100000,'Adyar');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into bank values(2,'Samran',12367,152500,'Mylapore');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into bank values(3,'Hari',12345,250000,'Anna Salai');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from bank where balance > 150000;
```

s_no	cust_name	acc_no	balance	cus_branch
2	Samran	12367	152500	Mylapore
3	Hari	12345	250000	Anna Salai

2 rows in set (0.00 sec)

```
mysql> update bank set cus_branch='pon' where s_no=2;
Query OK, 1 row affected (0.01 sec)
```

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> select * from bank where balance between 100000 and 200000;
```

s_no	cust_name	acc_no	balance	cus_branch
1	Ramesh	12378	100000	Adyar
2	Samran	12367	152500	pon

2 rows in set (0.00 sec)

```
mysql> select * from bank;
```

s_no	cust_name	acc_no	balance	cus_branch
1	Ramesh	12378	100000	Adyar
2	Samran	12367	152500	pon
3	Hari	12345	250000	Anna Salai

```
3 rows in set (0.00 sec)
```

```
mysql> select max(balance) from bank;
```

max(balance)
250000

```
1 row in set (0.01 sec)
```

```
mysql> drop table bank;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> create table employee(s_no int primary key,name char(20),designation char(20),branch char(20));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> create table workers(s_no int,name char(20),designation char(20),branch char(20),foreign key(s_no) references employee(s_no));
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
s_no	int	NO	PRI	NULL	
name	char(20)	YES		NULL	
designation	char(20)	YES		NULL	
branch	char(20)	YES		NULL	

4 rows in set (0.00 sec)

```
mysql> desc workers;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES	MUL	NULL	
name	char(20)	YES		NULL	
designation	char(20)	YES		NULL	
branch	char(20)	YES		NULL	

4 rows in set (0.00 sec)

```
mysql> create table student(reg_no char(20),stu_name char(20),department char(20),DBMS_mark int);
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> insert into student values('ECE0023','Reddy','Electronics',56);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into student values('CSE0024','Sandy','Computer_Science',86);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into student values('ECE0040','Hajira','Electronics',40);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from student;
```

reg_no	stu_name	department	DBMS_mark
ECE0023	Reddy	Electronics	56
CSE0024	Sandy	Computer_Science	86
ECE0040	Hajira	Electronics	40

```
3 rows in set (0.00 sec)
```

```
mysql> create view stu_view as select * from student;
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> select * from stu_view;
```

reg_no	stu_name	department	DBMS_mark
ECE0023	Reddy	Electronics	56
CSE0024	Sandy	Computer_Science	86
ECE0040	Hajira	Electronics	40

```
3 rows in set (0.00 sec)
```

```
mysql> select * from stu_view where DBMS_mark=(select min(DBMS_mark) from stu_view);
```

reg_no	stu_name	department	DBMS_mark
ECE0040	Hajira	Electronics	40

```
1 row in set (0.00 sec)
```

```
mysql> select * from stu_view order by stu_name;
```

reg_no	stu_name	department	DBMS_mark
ECE0040	Hajira	Electronics	40
ECE0023	Reddy	Electronics	56
CSE0024	Sandy	Computer_Science	86

```
3 rows in set (0.00 sec)
```

```
mysql> select * from stu_view where department='electronics';
```

reg_no	stu_name	department	DBMS_mark
ECE0023	Reddy	Electronics	56
ECE0040	Hajira	Electronics	40

```
2 rows in set (0.00 sec)
```

```
mysql> select stu_name,department from stu_view group by department,stu_name;
```

stu_name	department
Reddy	Electronics
Sandy	Computer_Science
Hajira	Electronics

```
3 rows in set (0.00 sec)
```

```
mysql> select stu_name from stu_view where substring(stu_name,-2,2)='dy';
```

stu_name
Reddy
Sandy

```
2 rows in set (0.00 sec)
```

```
mysql> select * from stu_view where DBMS_mark>50;
```

reg_no	stu_name	department	DBMS_mark
ECE0023	Reddy	Electronics	56
CSE0024	Sandy	Computer_Science	86

```
2 rows in set (0.00 sec)
```

```
mysql> drop view stu_view;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> drop table student;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> DELIMITER //
mysql> CREATE PROCEDURE get_factorial(IN N INT)
-> BEGIN
-> SET @@GLOBAL.max_sp_recursion_depth=255;
-> SET @@session.max_sp_recursion_depth=225;
->
-> CALL factorial_recursive (N,@factorial);
->
-> SELECT @factorial;
-> END//
```

Query OK, 0 rows affected (0.02 sec)

```
mysql> DELIMITER//
```

ERROR:
DELIMITER must be followed by a 'delimiter' character or string

```
mysql> DELIMITER //
```

```
mysql> CREATE PROCEDURE factorial_recursive(IN N INT,OUT factorial INT)
-> BEGIN
-> IF N = 1 THEN
->     SET factorial := 1;
-> ELSE
->     CALL factorial_recursive (N-1,factorial);
->     SET factorial := N * factorial;
-> END IF;
-> END//
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> DELIMITER ;
```

```
mysql> call get_factorial(5);
```

```
+-----+
| @factorial |
+-----+
|         120 |
+-----+
```

1 row in set (0.01 sec)

Query OK, 0 rows affected (0.01 sec)

```
mysql> create table trainee(s_no int,name char(20),designation char(20),branch char(20));
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> insert into trainee values(1,'Ramesh','Manager','Hyderabad');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into trainee values(2,'Suman','Advisor','Mumbai');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into trainee values(3,'sekar','Asst_Manager','Mumbai');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from trainee;
```

s_no	name	designation	branch
1	Ramesh	Manager	Hyderabad
2	Suman	Advisor	Mumbai
3	sekar	Asst_Manager	Mumbai

```
3 rows in set (0.00 sec)
```

```
mysql> alter table trainee add salary int;
```

```
Query OK, 0 rows affected (0.01 sec)
```

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

```
mysql> alter table trainee modify designation char(15);
```

```
Query OK, 3 rows affected (0.03 sec)
```

```
Records: 3 Duplicates: 0 Warnings: 0
```

```
mysql> desc trainee;
```

Field	Type	Null	Key	Default	Extra
s_no	int	YES		NULL	
name	char(20)	YES		NULL	
designation	char(15)	YES		NULL	
branch	char(20)	YES		NULL	
salary	int	YES		NULL	

```
5 rows in set (0.01 sec)
```



```
mysql> create table networkers as select * from trainee;
Query OK, 3 rows affected (0.02 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

```
mysql> delete from networkers where s_no=2;
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from networkers;
```

s_no	name	designation	branch	salary
1	Ramesh	Manager	Hyderabad	NULL
3	sekar	Asst_Manager	Mumbai	NULL

```
2 rows in set (0.00 sec)
```

```
mysql> drop table trainee;
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> drop table networkers;
Query OK, 0 rows affected (0.01 sec)
```