

LIST OF EXPIERMENTS

```
MySQL 8.0 Command Line Cli x + v
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 29
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

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

mysql> use dhaya;
Database changed
mysql> create table workers
-> create table workers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'c
reate table workers' at line 2
mysql> create table workers(S_No int(7), name char(9), designation varchar(16), branch char(6));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> describe table workers;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | SIMPLE | workers | NULL | ALL | NULL | NULL | NULL | NULL | 1 | 100.00 | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set, 1 warning (0.01 sec)

mysql> ALTER TABLE workers DROP COLUMN branch;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe workers;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_No | int | YES | | NULL | |
| name | char(9) | YES | | NULL | |
| designation | varchar(16) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
```

```
MySQL 8.0 Command Line Cli x + v
mysql> create table workers
-> create table workers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'c
reate table workers' at line 2
mysql> create table workers(S_No int(7), name char(9), designation varchar(16), branch char(6));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> describe table workers;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | SIMPLE | workers | NULL | ALL | NULL | NULL | NULL | NULL | 1 | 100.00 | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set, 1 warning (0.01 sec)

mysql> ALTER TABLE workers DROP COLUMN branch;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe workers;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_No | int | YES | | NULL | |
| name | char(9) | YES | | NULL | |
| designation | varchar(16) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> ALTER TABLE workers ADD branch char(16);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe workers;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_No | int | YES | | NULL | |
| name | char(9) | YES | | NULL | |
| designation | varchar(16) | YES | | NULL | |
| branch | char(16) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> |
```

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MySQL 8.0 Command Line Cli x + v
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> describe table workers;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | SIMPLE | workers | NULL | ALL | NULL | NULL | NULL | NULL | 1 | 100.00 | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set, 1 warning (0.01 sec)

mysql> ALTER TABLE workers DROP COLUMN branch;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe workers;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_No | int | YES | | NULL | |
| name | char(9) | YES | | NULL | |
| designation | varchar(16) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> ALTER TABLE workers ADD branch char(16);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe workers;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_No | int | YES | | NULL | |
| name | char(9) | YES | | NULL | |
| designation | varchar(16) | YES | | NULL | |
| branch | char(16) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> DROP TABLE workers;
Query OK, 0 rows affected (0.01 sec)

mysql> describe workers;
ERROR 1146 (42S02): Table 'dhaya.workers' doesn't exist
mysql>
```

2

```
MySQL 8.0 Command Line Cli x + v
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 37
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

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

mysql> use sekar;
Database changed
mysql> create table employee(name char(16), designation char(10), branch char(11));
Query OK, 0 rows affected (0.03 sec)

mysql> desc employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name | char(16) | YES | | NULL | |
| designation | char(10) | YES | | NULL | |
| branch | char(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

mysql> insert into employee values('santhosh','supvisr','rai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values('hari','assi','tri');
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee values('ram','mang','chen');
Query OK, 1 row affected (0.00 sec)

mysql> select* from employee;
+-----+-----+-----+
| name | designation | branch |
+-----+-----+-----+
| santhosh | supvisr | rai |
+-----+-----+-----+
```

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MySQL 8.0 Command Line Cli x + v
mysql> select* from employee;
+-----+-----+-----+
| name | designation | branch |
+-----+-----+-----+
| santhosh | supvisr | rai |
| hari | assi | tri |
| ram | mang | chen |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> alter table employee add column salary int;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> select* from employee;
+-----+-----+-----+-----+
| name | designation | branch | salary |
+-----+-----+-----+-----+
| santhosh | supvisr | rai | NULL |
| hari | assi | tri | NULL |
| ram | mang | chen | NULL |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> alter table employee alter column name char;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'c
har' at line 1
mysql> alter table employee
-> add column salary int;
ERROR 1060 (42S21): Duplicate column name 'salary'
mysql> alter table employee
-> rename column name to names;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc empolyee;
ERROR 1146 (42S02): Table 'sekar.empolyee' doesn't exist
mysql> desc employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| names | char(16) | YES | | NULL | |
| designation | char(10) | YES | | NULL | |
| branch | char(11) | YES | | NULL | |
| salary | int | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+

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MySQL 8.0 Command Line Cli x + v
mysql> desc employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| names | char(16) | YES | | NULL | |
| designation | char(10) | YES | | NULL | |
| branch | char(11) | YES | | NULL | |
| salary | int | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> alter table employee rename to emp;
Query OK, 0 rows affected (0.02 sec)

mysql> desc emp;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| names | char(16) | YES | | NULL | |
| designation | char(10) | YES | | NULL | |
| branch | char(11) | YES | | NULL | |
| salary | int | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> delete from emp where names='santhosh';
Query OK, 1 row affected (0.01 sec)

mysql> select* from emp;
+-----+-----+-----+-----+
| names | designation | branch | salary |
+-----+-----+-----+-----+
| hari | assi | tri | NULL |
| ram | mang | chen | NULL |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

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

mysql> desc emp;
ERROR 1146 (42S02): Table 'sekar.emp' doesn't exist
mysql> desc emp;
ERROR 1146 (42S02): Table 'sekar.emp' doesn't exist
mysql>
```

3

```
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

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

mysql> use office;
Database changed
mysql> create table bank(s_no int,cust_name char(8),acc_no int(20),balance int(8),cus_branch char(8));
Query OK, 0 rows affected, 2 warnings (0.03 sec)

mysql> desc bank;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| s_no  | int  | YES  |     | NULL    |       |
| cust_name | char(8) | YES  |     | NULL    |       |
| acc_no | int  | YES  |     | NULL    |       |
| balance | int  | YES  |     | NULL    |       |
| cus_branch | char(8) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> insert into bank values(1,'akhil',12956765,20000,'chennai');
Query OK, 1 row affected (0.03 sec)

mysql> insert into bank values(2,'yogi',12697803,50000,'mumbai');
Query OK, 1 row affected (0.04 sec)

mysql> insert into bank values(3,'sai',12236583,60000,'hydrabad');
```

5.

```
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 24
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database class;
Query OK, 1 row affected (0.00 sec)

mysql> use class;
Database changed
mysql> create table bank(s_no int,cust_name char(10),acc_no char(10),balance int,cas_branch varchar(10));
Query OK, 0 rows affected (0.03 sec)

mysql> desc bank;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| s_no  | int  | YES  |     | NULL    |       |
| cust_name | char(10) | YES  |     | NULL    |       |
| acc_no | char(10) | YES  |     | NULL    |       |
| balance | int  | YES  |     | NULL    |       |
| cas_branch | varchar(10) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql> select* from bank where acc_no;
Empty set (0.01 sec)

mysql> insert into bank values(1,'akhil',128767,12000,'chennai');
Query OK, 1 row affected (0.00 sec)

mysql> insert into bank values(2,'gaya',375967,15000,'pune');
```

```
Query OK, 1 row affected (0.01 sec)

mysql> select* from bank;
+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balance | cas_branch |
+-----+-----+-----+-----+-----+
| 1 | akhil | 128767 | 12000 | chennai |
| 2 | gaya | 375967 | 15000 | pune |
| 3 | yogi | 375967 | 25000 | hyd |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select* from bank where acc_no;
+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balance | cas_branch |
+-----+-----+-----+-----+-----+
| 1 | akhil | 128767 | 12000 | chennai |
| 2 | gaya | 375967 | 15000 | pune |
| 3 | yogi | 375967 | 25000 | hyd |
+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

mysql> select* from bank where acc_no=128767;
+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balance | cas_branch |
+-----+-----+-----+-----+-----+
| 1 | akhil | 128767 | 12000 | chennai |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select* from bank where balance between 10000 and 20000;
+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balance | cas_branch |
+-----+-----+-----+-----+-----+
| 1 | akhil | 128767 | 12000 | chennai |
| 2 | gaya | 375967 | 15000 | pune |
+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)

mysql> select* from bank where cus_branch in chennai;
```

6.

```
mysql> use names;
Database changed
mysql> create table project(s_no int,p_name char(10),coordinators int(23),price int,location char(20));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> create table project(s_no int,p_name char(10),coordinators char(23),price int,location char(20));
ERROR 1050 (42501): Table 'project' already exists
mysql> desc project;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| s_no | int | YES | | NULL | |
| p_name | char(10) | YES | | NULL | |
| coordinators | int | YES | | NULL | |
| price | int | YES | | NULL | |
| location | char(20) | YES | | NULL | |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> insert into project(1,'reen',4,75000,'chennai');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '1
,'reen',4,75000,'chennai')' at line 1
mysql> insert into project values(1,'reen',4,75000,'chennai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into project values(2,'reena',3,100000,'chennai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into project values(2,'reenasri',5,10000,'delhi');
Query OK, 1 row affected (0.01 sec)

mysql> select* from project;
+-----+-----+-----+-----+-----+
| s_no | p_name | coordinators | price | location |
+-----+-----+-----+-----+-----+
| 1 | reen | 4 | 75000 | chennai |
| 2 | reena | 3 | 100000 | chennai |
| 2 | reenasri | 5 | 10000 | delhi |
+-----+-----+-----+-----+-----+
```

```

3 rows in set (0.01 sec)

mysql> select* from project order by coordinators asc;
+-----+-----+-----+-----+-----+
| s_no | p_name | coordinators | price | location |
+-----+-----+-----+-----+-----+
| 2 | reena | 3 | 100000 | chennai |
| 1 | reen | 4 | 75000 | chennai |
| 2 | reenasri | 5 | 10000 | delhi |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select 'reen' from 'p_names' group by 'reen';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ''
p_names' group by 'reen'' at line 1
mysql> select p_name from project where group by s_no;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'g
roup by s_no' at line 1
mysql> select p_name,s_no
-> from project
-> group by s_no;
+-----+-----+
| p_name | s_no |
+-----+-----+
| reen | 1 |
| reena | 2 |
+-----+-----+
2 rows in set (0.01 sec)

mysql> select s_no,price
-> from project
-> having price >75000;
+-----+-----+
| s_no | price |
+-----+-----+
| 2 | 100000 |
+-----+-----+
1 row in set (0.01 sec)

```

19.

```

MySQL 8.0 Command Line Client - Unicode
salary int' at line 1
mysql> alter table worker
-> add salary int;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table worker
-> AC
mysql> desc worker;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| sno   | int  | YES  |     | NULL    |       |
| name  | char(10) | YES  |     | NULL    |       |
| designation | varchar(20) | YES  |     | NULL    |       |
| branch | char(10) | YES  |     | NULL    |       |
| salary | int  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> alter table worker
-> modify name varchar(20);
Query OK, 3 rows affected (0.03 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> desc worker;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| sno   | int  | YES  |     | NULL    |       |
| name  | varchar(20) | YES  |     | NULL    |       |
| designation | varchar(20) | YES  |     | NULL    |       |
| branch | char(10) | YES  |     | NULL    |       |
| salary | int  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> desc worker;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| sno   | int  | YES  |     | NULL    |       |
| name  | varchar(20) | YES  |     | NULL    |       |
| designation | varchar(20) | YES  |     | NULL    |       |
| branch | char(10) | YES  |     | NULL    |       |
| salary | int  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

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

mysql> use worker;
Database changed
mysql> create table worker(sno int(10),name char(10),designation char(10),branch char(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> insert into worker values (1,'martin','manager','chennai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into worker values (2,'sopna','supervisor','maduri');
-> AC
mysql> insert into worker values (2,'sopna','supervisor','maduri');
ERROR 1406 (22001): Data too long for column 'designation' at row 1
mysql> alter table worker
-> modify designation varchar(20);
Query OK, 1 row affected (0.04 sec)
Records: 1 Duplicates: 0 Warnings: 0

mysql> insert into worker values (2,'sopna','supervisor','maduri');
Query OK, 1 row affected (0.00 sec)

mysql> insert into worker values (3,'assistant','trichy');
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into worker values (3,'hunter','assistant','trichy');
-> insert into worker values (3,'hunter','assistant','trichy');AC
mysql> insert into worker values (3,'hunter','assistant','trichy');
Query OK, 1 row affected (0.00 sec)

mysql> select * from worker;
+-----+-----+-----+-----+
| sno | name | designation | branch |
+-----+-----+-----+-----+
| 1 | martin | manager | chennai |
| 2 | sopna | supervisor | maduri |
| 3 | hunter | assistant | trichy |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> alter table worker

```

```
MySQL 8.0 Command Line Client - Unicode
mysql> create table trainee like worker;
Query OK, 0 rows affected (0.02 sec)

mysql> insert into trainee select * from worker;
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from trainee;
+----+-----+-----+-----+-----+
| sno | 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> delete from worker where name='sopna';
Query OK, 1 row affected (0.01 sec)

mysql> select * from worker;
+----+-----+-----+-----+-----+
| sno | name  | designation | branch | salary |
+----+-----+-----+-----+-----+
| 1   | martin | manager    | chennai | NULL   |
| 3   | hunter | assistant  | trichy  | NULL   |
+----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

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

mysql> select * from worker;
ERROR 1146 (42S02): Table 'worker.worker' doesn't exist
mysql>
```


8

```

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database q1;
Query OK, 1 row affected (0.01 sec)

mysql> use q1;
Database changed
mysql> create table q3(sno int(10),name char(10),designation char(20),branch char(10));
Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> insert into q3 values (1,'komal','ceo','chennai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into q3 values (2,'sai pavan','manager','chennai');
Query OK, 1 row affected (0.00 sec)

mysql> insert into q3 values (3,'akhil','suprrvisor','hyderabad');
> insert into q3 values (3,'akhil','suprrvisor','hyderabad');^C
mysql> insert into q3 values (3,'akhil','suprrvisor','hyderabad');
Query OK, 1 row affected (0.00 sec)

mysql> insert into q3 values (4,'yogesh','team leader','hyderabad');
Query OK, 1 row affected (0.00 sec)

mysql> insert into q3 values (5,'pravenn','employee','banglore');
Query OK, 1 row affected (0.00 sec)

mysql> select * from q3;
+----+-----+-----+-----+
| sno | name   | designation | branch |
+----+-----+-----+-----+
| 1   | komal  | ceo         | chennai |
| 2   | sai pavan | manager    | chennai |
| 3   | akhil  | suprrvisor  | hyderabad |
| 4   | yogesh | team leader | hyderabad |
| 5   | pravenn | employee    | banglore |
+----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> desc q3;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| sno   | int  | YES  |     | NULL    |       |
| name  | char(10) | YES |     | NULL    |       |
| designation | char(20) | YES |     | NULL    |       |
| branch | char(10) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql>

```

7

```

MySQL 8.0 Command Line Client - Unicode

mysql> create database employee3;
Query OK, 1 row affected (0.01 sec)

mysql> use employee3;
Database changed
mysql> create table employee3(sno int(10),name char(20),designation char(20),branch char(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> insert into employee3 values (1,'ramesh','manger','chennai')
>
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee3 values (2,'harish','supervisor','hyderabad');
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee3 values (3,'komal','ceo','mumbai');
Query OK, 1 row affected (0.00 sec)

mysql> select * from employee3;
ERROR 1146 (42S02): Table 'employee3.employee3' doesn't exist
mysql> select * from employee3;
+----+-----+-----+-----+
| sno | name   | designation | branch |
+----+-----+-----+-----+
| 1   | ramesh | manger      | chennai |
| 2   | harish | supervisor  | hyderabad |
| 3   | komal  | ceo         | mumbai  |
+----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select name from employee3 where designation=manger and where branch=chennai'
>
>
> select name from employee3 where designation=manger and where branch='chennai';
> select name from employee3 where designation='manger' and where branch='chennai';
> ^C
mysql> select name from employee3 where designation='manger' and where branch='chennai';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where branch='chennai'' at line 1
mysql> select name from employee3 where designation='manger' and branch='chennai';
+-----+
| name |
+-----+
| ramesh |
+-----+
1 row in set (0.00 sec)

mysql> select name from employee3 where designation='manger' and branch='chennai';

```

```
MySQL 8.0 Command Line Client - Unicode
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 23
Server version: 8.0.31 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database employee3;
Query OK, 1 row affected (0.01 sec)

mysql> use employee3;
Database changed
mysql> create table employee3(sno int(10),name char(20),designation char(20),branch char(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> insert into employee3 values (1,'ramesh','manger','chennai')
->
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee3 values (2,'harish','supervisor','hyderabad');
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee3 values (3,'komal','ceo','mumbai');
Query OK, 1 row affected (0.00 sec)

mysql> select * from employee3;
ERROR 1146 (42S02): Table 'employee3.employee3' doesn't exist
mysql> select * from employee3;
+----+-----+-----+-----+
| sno | name  | designation | branch |
+----+-----+-----+-----+
| 1   | ramesh | manger      | chennai |
| 2   | harish | supervisor  | hyderabad |
| 3   | komal  | ceo         | mumbai  |
+----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select name from employee3 where designation=manger and where branch=chennai'
->
->
-> select name from employee3 where designation=manger and where branch='chennai';
-> select name from employee3 where designation='manger' and where branch='chennai';
-> ^C
```


