

DDL Commands – CREATE, ALTER, DROP, TRUNCATE

1

Create a Table as Workers with the fields S_No, Name, Designation, and Branch. Alter the Table by adding a column Branch. Drop the table.

MySQL 8.0 Command Line Client

Enter password: *****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 26

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> use dbms;

Database changed

mysql> desc employee;

Field	Type	Null	Key	Default	Extra
sno	int	YES		NULL	
name	varchar(255)	YES		NULL	
designation	varchar(255)	YES		NULL	
branch	varchar(255)	YES		NULL	

4 rows in set (0.00 sec)

mysql> insert into employee values((1,'ram','manager','chennai'));

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into employee value(1,'ram','manager','chennai');

Query OK, 1 row affected (0.01 sec)

mysql> desc employee;

Field	Type	Null	Key	Default	Extra
sno	int	YES		NULL	
name	varchar(255)	YES		NULL	
designation	varchar(255)	YES		NULL	
branch	varchar(255)	YES		NULL	

4 rows in set (0.00 sec)

mysql> select * from employee;

sno	name	designation	branch
1	ram	manager	chennai

1 row in set (0.00 sec)

type here to search



30°C Partly sunny

ENG

10:36
10-01-2023

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

sno	name	designation	branch
1	ram	manager	chennai

1 row in set (0.00 sec)

```
mysql> insert into employee value(2,'santhosh','supervisor','madurai');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into employee value(3,'hari','assistant','trichy');
```

Query OK, 1 row affected (0.00 sec)

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

sno	name	designation	branch
1	ram	manager	chennai
2	santhosh	supervisor	madurai
3	hari	assistant	trichy

3 rows in set (0.00 sec)

```
mysql> alter table employee
```

-> add salary int;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> alter table employee
```

-> modify column name;

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 '' at line 2

```
mysql> alter table employee
```

-> modify column name int;

ERROR 1366 (HY000): Incorrect integer value: 'ram' for column 'name' at row 1

```
mysql> alter table employee
```

-> modify column name varchar(55);

Query OK, 3 rows affected (0.04 sec)

Records: 3 Duplicates: 0 Warnings: 0

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
sno	int	YES		NULL	
name	varchar(55)	YES		NULL	
designation	varchar(255)	YES		NULL	
branch	varchar(255)	YES		NULL	
salary	int	YES		NULL	

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
sno	int	YES		NULL	
name	varchar(55)	YES		NULL	
designation	varchar(255)	YES		NULL	
branch	varchar(255)	YES		NULL	
salary	int	YES		NULL	

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

```
mysql> alter table employee rename to emp;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> delete from emp  
-> where sno=2;  
Query OK, 1 row affected (0.01 sec)
```

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

sno	name	designation	branch	salary
1	ram	manager	chennai	NULL
3	hari	assistant	trichy	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 'dbms.emp' doesn't exist  
mysql>
```

