

Practical:-2

Enter password: *****

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

Your MySQL connection id is 23

Server version: 9.2.0 MySQL Community Server - GPL

Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its 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> show databases;
```

```
+-----+
```

```
| Database      |
```

```
+-----+
```

```
| bank          |
```

```
| information_schema |
```

```
| mysql         |
```

```
| new           |
```

```
| now           |
```

```
| performance_schema |
```

```
| sys           |
```

```
+-----+
```

7 rows in set (0.01 sec)

```
mysql> use bank;
```

Database changed

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	YES		NULL	
id	int	NO	PRI	NULL	
branch	varchar(50)	NO		NULL	
transaction_id	int	NO	MUL	NULL	
customer_id	int	NO	MUL	NULL	

5 rows in set (0.01 sec)

```
mysql> alter table employee alter column branch set default( 'talegaon');
```

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	YES		NULL	
id	int	NO	PRI	NULL	
branch	varchar(50)	NO		talegaon	
transaction_id	int	NO	MUL	NULL	

customer_id	int	NO	MUL	NULL		

5 rows in set (0.00 sec)

```
mysql> create database demo;
```

Query OK, 1 row affected (0.02 sec)

```
mysql> drop database demo;
```

Query OK, 0 rows affected (0.02 sec)

```
mysql> alter table employee change id set_id int;
```

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	YES		NULL	
set_id	int	NO	PRI	NULL	
branch	varchar(50)	NO		talegaon	
transaction_id	int	NO	MUL	NULL	
customer_id	int	NO	MUL	NULL	

5 rows in set (0.00 sec)

```
mysql> alter table employee modify set_id int not null;
```

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee;

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	YES		NULL	
set_id	int	NO	PRI	NULL	
branch	varchar(50)	NO		talegaon	
transaction_id	int	NO	MUL	NULL	
customer_id	int	NO	MUL	NULL	

5 rows in set (0.00 sec)

mysql> select * from customer;

customer_id	name	address	contactno	email_id	balance
345	anita	pune	78946789	anita23@gmail.com	NULL
355	ajay	mumbai	9876543	ajay23@gmail.com	500000
356	aman	bengaluru	9876783	aman90@gmail.com	600000
357	raja	pune	98767903	raja45@gmail.com	700000

4 rows in set (0.00 sec)

mysql> alter table customer drop column balance;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> select * from customer;
```

```
+-----+-----+-----+-----+-----+
| customer_id | name | address | contactno | email_id |
+-----+-----+-----+-----+-----+
| 345 | anita | pune | 78946789 | anita23@gmail.com |
| 355 | ajay | mumbai | 9876543 | ajay23@gmail.com |
| 356 | aman | bengaluru | 9876783 | aman90@gmail.com |
| 357 | raja | pune | 98767903 | raja45@gmail.com |
+-----+-----+-----+-----+-----+
```

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

```
mysql> insert into customer(customer_id,name,address,contactno,email_id) values
(358,'sunita','thane','sunita23@gmail.com');
```

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

```
mysql> insert into customer(customer_id,name,address,contactno,email_id) values
(358,'sunita','thane',7654893,'sunita23@gmail.com');
```

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

```
mysql> select * from customer;
```

```
+-----+-----+-----+-----+-----+
| customer_id | name | address | contactno | email_id |
+-----+-----+-----+-----+-----+
| 345 | anita | pune | 78946789 | anita23@gmail.com |
| 355 | ajay | mumbai | 9876543 | ajay23@gmail.com |
| 356 | aman | bengaluru | 9876783 | aman90@gmail.com |
| 357 | raja | pune | 98767903 | raja45@gmail.com |
| 358 | sunita | thane | 7654893 | sunita23@gmail.com |
+-----+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

mysql> desc customer;

Field	Type	Null	Key	Default	Extra
customer_id	int	NO	PRI	NULL	
name	varchar(10)	NO		NULL	
address	varchar(50)	NO		NULL	
contactno	int	NO		NULL	
email_id	varchar(50)	NO		NULL	

5 rows in set (0.00 sec)

mysql> delete from employee where name='raja';

Query OK, 0 rows affected (0.01 sec)

mysql> select * from employee;

Name	set_id	branch	transaction_id	customer_id
megha	965	kalyan	789	345
shubham	989	kalyan	789	345

2 rows in set (0.00 sec)

mysql> delete from customer where name='raja';

Query OK, 1 row affected (0.01 sec)

```
mysql> select * from customer;
```

```
+-----+-----+-----+-----+-----+
| customer_id | name  | address | contactno | email_id      |
+-----+-----+-----+-----+-----+
| 345 | anita | pune    | 78946789 | anita23@gmail.com |
| 355 | ajay  | mumbai  | 9876543  | ajay23@gmail.com  |
| 356 | aman  | bengaluru | 9876783  | aman90@gmail.com  |
| 358 | sunita | thane   | 7654893  | sunita23@gmail.com |
+-----+-----+-----+-----+-----+
```

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