

```
mysql> create database ass4view;  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> use ass4view;
```

Database changed

```
mysql> create table employee(emp_id int auto_increment,emp_name varchar(20),city  
varchar(20),zipcode int, primary key(emp_id));  
Query OK, 0 rows affected (0.26 sec)
```

```
mysql> describe employee;  
ERROR 1146 (42S02): Table 'ass4view.employee' doesn't exist  
mysql> describe employee;
```

Field	Type	Null	Key	Default	Extra
emp_id	int(11)	NO	PRI	NULL	auto_increment
emp_name	varchar(20)	YES		NULL	
city	varchar(20)	YES		NULL	
zipcode	int(11)	YES		NULL	

4 rows in set (0.01 sec)

```
mysql> show tables;  
+-----+  
| Tables_in_ass4view |  
+-----+  
| employee            |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> select * from employee;  
Empty set (0.01 sec)
```

```
mysql> insert into employee values('rohan','nashik','1');  
ERROR 1136 (21S01): Column count doesn't match value count at row 1  
mysql> insert into employee (emp_name,city,zipcode) values('rohan','nashik','1');  
Query OK, 1 row affected (0.04 sec)
```

```
mysql> select * from employee;  
+-----+  
| emp_id | emp_name | city   | zipcode |  
+-----+  
| 1      | rohan    | nashik | 1        |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> insert into employee (emp_name,city,zipcode) values('sahil','pune','2');  
Query OK, 1 row affected (0.05 sec)
```

```
mysql> select * from employee;  
+-----+  
| emp_id | emp_name | city   | zipcode |
```

```
| emp_id | emp_name | city | zipcode |
+-----+-----+-----+-----+
| 1 | rohan | nashik | 1 |
| 2 | sahil | pune | 2 |
+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

```
mysql> delete from employee where emp_id = 2;
Query OK, 1 row affected (0.04 sec)
```

```
mysql> select * from employee;
+-----+-----+-----+-----+
| emp_id | emp_name | city | zipcode |
+-----+-----+-----+-----+
| 1 | rohan | nashik | 1 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> insert into employee (emp_name,city,zipcode) values('shubham','mumbai','3');
Query OK, 1 row affected (0.02 sec)
```

```
mysql> select * from employee;
+-----+-----+-----+-----+
| emp_id | emp_name | city | zipcode |
+-----+-----+-----+-----+
| 1 | rohan | nashik | 1 |
| 3 | shubham | mumbai | 3 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> create view emp as select emp_id id_emp,emp_name name_emp,city city_name,zipcode
zipcode_emp from employee
-> ;
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> select * from emp;
+-----+-----+-----+-----+
| id_emp | name_emp | city_name | zipcode_emp |
+-----+-----+-----+-----+
| 1 | rohan | nashik | 1 |
| 3 | shubham | mumbai | 3 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> create view emp as select emp_id id_emp,emp_name name_emp,city city_name,zipcode
zipcode_emp from employee where emp_id = 3;
ERROR 1050 (42S01): Table 'emp' already exists
mysql> create view empl as select emp_id id_emp,emp_name name_emp,city city_name,zipcode
zipcode_emp from employee
-> ;
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> select * from empl;
| id_emp | name_emp | city_name | zipcode_emp |
+-----+-----+-----+-----+
| 1 | rohan | nashik | 1 |
| 3 | shubham | mumbai | 3 |
+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

```
mysql> create view emplo as select emp_id id_emp,emp_name name_emp,city city_name,zipcode
zipcode_emp from employee where emp_id = 2;
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> select * from emplo;
Empty set (0.00 sec)
```

```
mysql> create view employ as select emp_id id_emp,emp_name name_emp,city city_name,zipcode
zipcode_emp from employee where emp_id = 3;
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> select * from employ;
| id_emp | name_emp | city_name | zipcode_emp |
+-----+-----+-----+-----+
| 3 | shubham | mumbai | 3 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> insert into employee (emp_name,city,zipcode) values('shubham','mumbai','3'),('ronaldo','pune',4);
Query OK, 2 rows affected (0.04 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

```
mysql> select * from employee;
+-----+-----+-----+-----+
| emp_id | emp_name | city | zipcode |
+-----+-----+-----+-----+
| 1 | rohan | nashik | 1 |
| 3 | shubham | mumbai | 3 |
| 4 | shubham | mumbai | 3 |
| 5 | ronaldo | pune | 4 |
+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

```
mysql> insert into emp values('abbs','kkw',8);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into emp(id_emp,name_emp,city_emp,zipcode_emp) values('abbs','kkw',8);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into emp(name_emp,city_emp,zipcode_emp) values('abbs','kkw',8); ERROR 1054 (42S22):
Unknown column 'city_emp' in 'field list'
mysql> insert into emp(name_emp,city_name,zipcode_emp) values('abbs','kkw',8);
Query OK, 1 row affected (0.04 sec)
```

```
mysql> select * from emp;
+-----+-----+-----+-----+
| id_emp | name_emp | city_name | zipcode_emp |
+-----+-----+-----+-----+
```

id_emp	name_emp	city_name	zipcode_emp
1	rohan	nashik	1
3	shubham	mumbai	3
4	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8

5 rows in set (0.00 sec)

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

emp_id	emp_name	city	zipcode
1	rohan	nashik	1
3	shubham	mumbai	3
4	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8

5 rows in set (0.00 sec)

```
mysql> delete from employee where emp_id = '4';
```

Query OK, 1 row affected (0.03 sec)

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

emp_id	emp_name	city	zipcode
1	rohan	nashik	1
3	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8

4 rows in set (0.00 sec)

```
mysql> insert into employee (emp_name,city,zipcode) values('messi','pune',7),('sauraz','pune',8),
('roneey','kanpur',9),('neymar','pune',6);
```

Query OK, 4 rows affected (0.03 sec)
Records: 4 Duplicates: 0 Warnings: 0

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

emp_id	emp_name	city	zipcode
1	rohan	nashik	1
3	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8
7	messi	pune	7
8	sauraz	pune	8

9	roneey	kanpur	9
10	neymar	pune	6

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

8 rows in set (0.00 sec)

```
mysql> insert into employee (emp_name,city,zipcode) values('messi','pune',7),('sauraz','pune',8),
('roneey','kanpur',9),('neymar','pune',6);
```

Query OK, 4 rows affected (0.04 sec)

Records: 4 Duplicates: 0 Warnings: 0

```
mysql> select * from employee;
| emp_id | emp_name | city | zipcode |
```

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

1	rohan	nashik	1
3	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8
7	messi	pune	7
8	sauraz	pune	8
9	roneey	kanpur	9
10	neymar	pune	6
11	messi	pune	7
12	sauraz	pune	8
13	roneey	kanpur	9
14	neymar	pune	6

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

12 rows in set (0.00 sec)

```
mysql> insert into employee (emp_name,city,zipcode) values('modric','los',7),('remos','angles',5),
('marcelo','tara',2),('radric','uno',4),('countino','jesus',6),('aguero','mancity',7);
```

Query OK, 6 rows affected (0.03 sec)

Records: 6 Duplicates: 0 Warnings: 0

```
mysql> select * from employee;
| emp_id | emp_name | city | zipcode |
```

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

1	rohan	nashik	1
3	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8
7	messi	pune	7
8	sauraz	pune	8
9	roneey	kanpur	9
10	neymar	pune	6
11	messi	pune	7
12	sauraz	pune	8
13	roneey	kanpur	9
14	neymar	pune	6
15	modric	los	7
16	remos	angles	5
17	marcelo	tara	2

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

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

18	radric	uno	4
19	countino	jesus	6
20	aguero	mancity	7

+-----+-----+-----+-----+

18 rows in set (0.00 sec)

```
mysql> insert into employee (emp_name,city,zipcode) values('rohit','bombay',6),('virat','kolapur',18),('dhoni','ranchi',07);
```

Query OK, 3 rows affected (0.02 sec)

Records: 3 Duplicates: 0 Warnings: 0

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

emp_id	emp_name	city	zipcode
--------	----------	------	---------

+-----+-----+-----+-----+

1	rohan	nashik	1
3	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8
7	messi	pune	7
8	sauraz	pune	8
9	roneey	kanpur	9
10	neymar	pune	6
11	messi	pune	7
12	sauraz	pune	8
13	roneey	kanpur	9
14	neymar	pune	6
15	modric	los	7
16	remos	angles	5
17	marcelo	tara	2
18	radric	uno	4
19	countino	jesus	6
20	aguero	mancity	7
21	rohit	bombay	6
22	virat	kolapur	18
23	dhoni	ranchi	7

+-----+-----+-----+-----+

21 rows in set (0.00 sec)

```
mysql> delete from employee where emp_id = 23;
```

Query OK, 1 row affected (0.02 sec)

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

+-----+-----+-----+-----+

emp_id	emp_name	city	zipcode
--------	----------	------	---------

+-----+-----+-----+-----+

1	rohan	nashik	1
3	shubham	mumbai	3
5	ronaldo	pune	4
6	abbs	kkw	8
7	messi	pune	7
8	sauraz	pune	8

	9	roneey	kanpur		9	
	10	neymar	pune		6	
	11	messi	pune		7	
	12	sauraz	pune		8	
	13	roneey	kanpur		9	
	14	neymar	pune		6	
	15	modric	los		7	
	16	remos	angles		5	
	17	marcelo	tara		2	
	18	radric	uno		4	
	19	countino	jesus		6	
	20	aguero	mancinity		7	
	21	rohit	bombay		6	
	22	virat	kolapur		18	

+-----+-----+-----+-----+

20 rows in set (0.00 sec)

mysql> insert into employee (emp_name,city,zipcode) values('dhoni','ranchi',07);
Query OK, 1 row affected (0.03 sec)

mysql> select * from employee;
| emp_id | emp_name | city | zipcode |

+-----+-----+-----+-----+

	1	rohan	nashik		1	
	3	shubham	mumbai		3	
	5	ronaldo	pune		4	
	6	abbs	kkw		8	
	7	messi	pune		7	
	8	sauraz	pune		8	
	9	roneey	kanpur		9	
	10	neymar	pune		6	
	11	messi	pune		7	
	12	sauraz	pune		8	
	13	roneey	kanpur		9	
	14	neymar	pune		6	
	15	modric	los		7	
	16	remos	angles		5	
	17	marcelo	tara		2	
	18	radric	uno		4	
	19	countino	jesus		6	
	20	aguero	mancinity		7	
	21	rohit	bombay		6	
	22	virat	kolapur		18	
	24	dhoni	ranchi		7	

+-----+-----+-----+-----+

21 rows in set (0.00 sec)

mysql> create index city on employee(city);
Query OK, 0 rows affected (0.28 sec)
Records: 0 Duplicates: 0 Warnings: 0

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

```
+-----+-----+-----+
| emp_id | emp_name | city  | zipcode |
+-----+-----+-----+
| 1 | rohan | nashik | 1 |
| 3 | shubham | mumbai | 3 |
| 5 | ronaldo | pune | 4 |
| 6 | abbs | kkw | 8 |
| 7 | messi | pune | 7 |
| 8 | sauraz | pune | 8 |
| 9 | roneey | kanpur | 9 |
| 10 | neymar | pune | 6 |
| 11 | messi | pune | 7 |
| 12 | sauraz | pune | 8 |
| 13 | roneey | kanpur | 9 |
| 14 | neymar | pune | 6 |
| 15 | modric | los | 7 |
| 16 | remos | angles | 5 |
| 17 | marcelo | tara | 2 |
| 18 | radric | uno | 4 |
| 19 | countino | jesus | 6 |
| 20 | aguero | manciny | 7 |
| 21 | rohit | bombay | 6 |
| 22 | virat | kolapur | 18 |
| 24 | dhoni | ranchi | 7 |
+-----+-----+-----+
```

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

```
mysql> delete from employee where emp_id = 24;
```

```
Query OK, 1 row affected (0.03 sec)
```

```
mysql> delete from employee where city = 'ranchi';
```

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