

Enter password: *****

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

Your MySQL connection id is 8

Server version: 8.0.36 MySQL Community Server - GPL

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

mysql> show databases

-> ;

Database
colleg
hospital
information_schema
mysql
newdatabase
office
performance_schema
product
salesman_01
student
sys

11 rows in set (0.01 sec)

mysql> CREATE DATABASE project1;

Query OK, 1 row affected (0.01 sec)

```
mysql> USE DATABASE PROJECT1;
ERROR 1049 (42000): Unknown database 'database'
mysql> show databases;
```

```
+-----+
| Database |
+-----+
| colleg   |
| hospital |
| information_schema |
| mysql    |
| newdatabase |
| office   |
| performance_schema |
| product  |
| project1 |
| salesman_01 |
| student  |
| sys      |
+-----+
```

12 rows in set (0.00 sec)

```
mysql> use project1;
Database changed
mysql> CREATE TABLE person(driver_ID varchar(10),
-> name varchar(20),
-> address varchar(20),
-> primary key(driver_ID));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> DESC person;
```

```
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| driver_ID | varchar(10) | NO | PRI | NULL | |
| name | varchar(20) | YES | | NULL | |
| address | varchar(20) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
```

3 rows in set (0.01 sec)

```
mysql> CREATE TABLE car(reg_num varchar(10), model varchar(10), year int, primary key(reg_num));
```

Query 0

K, 0 rows affected (0.01 sec)

```
mysql> desc car;
```

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

```
mysql> desc car;
```

Field	Type	Null	Key	Default	Extra
reg_num	varchar(10)	NO	PRI	NULL	
model	varchar(10)	YES		NULL	
year	int	YES		NULL	

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

```
mysql> create table accident(report_num int, accident_date date, location varchar(20),primary  
-> key(report_num));
```

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

```
mysql> desc accident;
```

Field	Type	Null	Key	Default	Extra
report_num	int	NO	PRI	NULL	
accident_date	date	YES		NULL	
location	varchar(20)	YES		NULL	

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

```
mysql> CREATE TABLE owns(driver_id varchar(10),reg_num varchar(10),  
-> primary key(driver_id, reg_num),  
-> foreign key(driver_ID) references person(driver_ID),  
-> foreign key(reg_num) references car(reg_num));
```

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

```
mysql> desc owns;
```

Field	Type	Null	Key	Default	Extra
driver_id	varchar(10)	NO	PRI	NULL	
reg_num	varchar(10)	NO	PRI	NULL	

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

```
mysql> CREATE TABLE participated(driver_ID varchar(10),
-> reg_num varchar(10), report_num int, damage_amount int,
-> primary key(driver_id, reg_num, report_num),
-> foreign key(driver_id) references person(driver_id),
-> foreign key(reg_num) references car(reg_num),
-> foreign key(report_num) references accident(report_num));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc participated;
```

Field	Type	Null	Key	Default	Extra
driver_ID	varchar(10)	NO	PRI	NULL	
reg_num	varchar(10)	NO	PRI	NULL	
report_num	int	NO	PRI	NULL	
damage_amount	int	YES		NULL	

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

```
mysql> insert into person values(&#39;&amp;driver_id&#39;,&#39;&amp;name&#39;,&#39;&amp;address&#39;);
;
-> ;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your My
SQL server version for the right syntax to use near '&' at line 1
```

```
mysql> insert into person values('&driver_ID','&name','&address');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into person values('A01','Richard','Srinivas Nagar');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into person values('A02','Pradeep','Rajajinagar');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into person values('A03','Smith','Ashoknagar');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into person values('A04','Venu','N R Colony');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into person values('A05','John','Hanumanth Nagar');
Query OK, 1 row affected (0.00 sec)
```

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

```
mysql> SELECT * from person;
```

driver_ID	name	address
A01	Richard	Srinivas Nagar
A02	Pradeep	Rajajinagar
A03	Smith	Ashoknagar
A04	Venu	N R Colony
A05	John	Hanumanth Nagar

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

```
mysql> insert into car values('&reg_num','&model','&year');
```

```
ERROR 1366 (HY000): Incorrect integer value: '&year' for column 'year' at row 1
```

```
mysql> insert into car values('&reg_num','&model','&year');
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your My SQL server version for the right syntax to use near '&year)' at line 1
```

```
mysql> insert into car values('&reg_num','&model','&year');
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your My SQL server version for the right syntax to use near '&year)' at line 1
```

```
mysql> insert into car values('KA052250','Indica',1990);
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into car values('KA031181','Lancer',1957);
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into car values('KA095477','Toyota',1998);
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into car values('KA053408','Honda',2008);
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into car values('KA041702','Audi',2005);
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> COMMIT;
```

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

```
mysql> SELECT * FROM car;
```

reg_num	model	year
KA031181	Lancer	1957
KA041702	Audi	2005
KA052250	Indica	1990
KA053408	Honda	2008
KA095477	Toyota	1998

```
mysql> insert into accident values(11,'2003-11-01','Mysore Road');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into accident values(12,'02-02-04','Southend Circle');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into accident values(13,'21-01-03','Bulltmeple Road');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into accident values(14,'17-01-08','Kanakapura Road');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into accident values(15, '04-03-05',
    -> 'Mysore Road');
Query OK, 1 row affected (0.00 sec)
```

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

```
mysql> select *from accident;
```

report_num	accident_date	location
11	2003-11-01	Mysore Road
12	2002-02-04	Southend Circle
13	2021-01-03	Bulltmeple Road
14	2017-01-08	Kanakapura Road
15	2004-03-05	Mysore Road

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

```
mysql> insert into owns values('A01','KA052250');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into owns values('A02','KA053408');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into owns values('A03','KA031181');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into owns values('A04','KA095477');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into owns values('A05','KA041702');
Query OK, 1 row affected (0.00 sec)
```

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

```
mysql> select *from owns;
```

driver_id	reg_num
A03	KA031181
A05	KA041702
A01	KA052250
A02	KA053408
A04	KA095477

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