

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

mysql> use insurance;
Database changed

mysql> create table person(driver_id vaarchar(10),
-> name varchar(20),address varchar(30),primary key(driver_id));
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 'vaarchar(10),
name varchar(20),address varchar(30),primary key(driver_id)' at line 1
mysql> create table person(driver_id varchar(10),
-> name varchar(20),address varchar(30),primary key(driver_id));
Query OK, 0 rows affected (0.02 sec)

mysql> show tables;
+-----+
| Tables_in_insurance |
+-----+
| person               |
+-----+
1 row in set (0.01 sec)

mysql> desc person;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| driver_id  | varchar(10) | NO   | PRI | NULL    |       |
| name       | varchar(20) | YES  |     | NULL    |       |
| address    | varchar(30) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> create table car(reg_num varchar(10),model varchar(10),
-> year int,primary key(reg_num));
Query OK, 0 rows affected (0.01 sec)

mysql> create table accident(report_num int,accident_date date,location varchar(20),
-> primary key(report_num));
Query OK, 0 rows affected (0.06 sec)

mysql> create table owns(driver_id varchar(10),reg_num varchar(10),primary key(driver_id,reg_num),
-> foreign key(driver_id)reference person(driver_id),foreign key(reg_num) references car(reg_num));
```

Query OK, 0 rows affected (0.06 sec)

```
mysql> create table owns(driver_id varchar(10),reg_num varchar(10),primary key(driver_id,reg_num),
-> foreign key(driver_id)reference person(driver_id),foreign key(reg_num) references car(reg_num));
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 'reference person(driver_id),foreign key(reg_num) refer
ences car(reg_num))' at line 2
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> 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> show tables;
```

Tables_in_insurance
accident
car

```
mysql> show tables;
```

Tables_in_insurance
accident
car
owns
participated
person

```
5 rows in set (0.00 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> 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> 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> 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> desc person;
```

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

```
mysql> desc person;
```

Field	Type	Null	Key	Default	Extra
driver_id	varchar(10)	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
address	varchar(30)	YES		NULL	

```
3 rows in set (0.00 sec)

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> ^C
mysql> insert into person values('A04','Venu','Hanumanth Nagar');
'>
'> ;
'> ^C

mysql>
mysql> insert into person values('A04','Venu','Hanumanth nagar');
Query OK, 1 row affected (0.00 sec)

mysql> select * from person;
```

driver_id	name	address
&driver_id	&name	&address
A01	Richard	Srinivas Nagar
A02	Pradeep	Rajajinagar
A03	Smith	Ashoknagar
A04	Venu	Hanumanth nagar

```
5 rows in set (0.00 sec)

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','Tayota','1998');
Query OK, 1 row affected (0.00 sec)

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

5 rows in set (0.00 sec)

```
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','Tayota','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> select * from car;
```

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

5 rows in set (0.00 sec)

```
mysql> insert into accident values('111','01-Jan-03','Mysore Road');
ERROR 1292 (22007): Incorrect date value: '01-Jan-03' for column 'accident_date' at row 1
mysql> insert into accident values('111','JAN-01-03','Mysore Road');
ERROR 1292 (22007): Incorrect date value: 'JAN-01-03' for column 'accident_date' at row 1
mysql> insert into accident values('111','01-01-03','Mysore Road');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into accident values('111','01-01-2005','Mysore Road');
ERROR 1292 (22007): Incorrect date value: '01-01-2005' for column 'accident_date' at row 1
mysql> insert into accident values('111','2005-01-01','Mysore Road');
ERROR 1062 (23000): Duplicate entry '111' for key 'accident.PRIMARY'
mysql> insert into accident values('12','02-02-04','Southend Cricle');
Query OK, 1 row affected (0.00 sec)
```

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

```
mysql> insert into accident values('14','17-02-08','Mysore Road');
Query OK, 1 row affected (0.00 sec)
```

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


Query OK, 1 row affected (0.00 sec)

```
mysql> insert into accident values('14','17-02-08','Mysore Road');
```

Query OK, 1 row affected (0.00 sec)

```
mysql> insert into accident values('15','04-03-05','Kanakpura Road');
```

Query OK, 1 row affected (0.00 sec)

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

report_num	accident_date	location
12	2002-02-04	Southend Cricle
13	2021-01-03	Bulltemple Road
14	2017-02-08	Mysore Road
15	2004-03-05	Kanakpura Road
111	2001-01-03	Mysore Road

5 rows in set (0.00 sec)

```
mysql> insert into own values('A01','KA052250');
```

ERROR 1146 (42S02): Table 'insurance.own' doesn't exist

```
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> ^C
mysql> insert into owns values('A01','KA052250');
Query OK, 1 row affected (0.01 sec)

mysql> insert into owns values('A02','KA031181');
Query OK, 1 row affected (0.01 sec)

mysql> insert into owns values('A03','KA053408');
Query OK, 1 row affected (0.01 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 (0.01 sec)

mysql> insert into participated values('A01','KA052250','11','10000');
Query OK, 1 row affected (0.01 sec)

mysql> insert into participated values('A02','KA0533408','12','50000');
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`insureranc`.`participated`, CONSTRAINT `participated_ibfk_2` FOREIGN
KEY (`reg_num`) REFERENCES `car` (`reg_num`))
mysql> insert into participated values('A02','KA053408','12','50000');
Query OK, 1 row affected (0.01 sec)

mysql> insert into participated values('A03','KA095477','13','25000');
Query OK, 1 row affected (0.00 sec)

mysql> ^C
mysql> ^C
mysql> insert into participated values('A04','KA031181','14','3000');
Query OK, 1 row affected (0.01 sec)

mysql> ^C
mysql> insert into participated values('A05','KA041702','15','5000');
Query OK, 1 row affected (0.01 sec)

mysql> desc person;
+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+

```

```
mysql> desc person;
```

Field	Type	Null	Key	Default	Extra
driver_id	varchar(10)	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
address	varchar(30)	YES		NULL	

```
3 rows in set (0.02 sec)
```

```
mysql> select * in person;
```

```
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 'in person' at line 1
```

```
mysql> select * from person;
```

driver_id	name	address
A01	Pradeep	Rajajinagar
A02	Richard	srinivas nagar
A03	Smith	Ashoknagar
A04	Venu	N.R.Colony
A05	john	hanumanth nagar

```
5 rows in set (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

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

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

report_num	accident_date	location
------------	---------------	----------


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

report_num	accident_date	location
11	2001-01-03	mysore road
12	2002-02-04	southend cricle
13	2021-01-03	bulltemple road
14	2017-02-08	mysore road
15	2004-03-05	kanakpura road

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

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

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

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

```
mysql> select * from partcipated;
```

ERROR 1146 (42S02): Table 'insureranc.partcipated' doesn't exist

```
mysql> select * from participated;
```

driver_id	reg_num	report_num	damage_amount
A01	KA052250	11	10000
A02	KA053408	12	50000
A03	KA095477	13	25000
A04	KA031181	14	3000
A05	KA041702	15	5000

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

```
mysql> insert into accident values('16','15-03-08','domlur');
```

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

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

report_num	accident_date	location
11	2001-01-03	mysore road
12	2002-02-04	southend cricle
13	2021-01-03	bulltemple road
14	2017-02-08	mysore road
15	2004-03-05	kanakpura road
16	2015-03-08	domlur

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

```
mysql> update participated set damage_amount=25000 where reg_num='KA053408' and r  
eport_num=12;
```

```
Query OK, 1 row affected (0.02 sec)
```

```
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> commit;
```

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

```
mysql> select * from participated;
```

driver_id	reg_num	report_num	damage_amount
A01	KA052250	11	10000
A02	KA053408	12	25000
A03	KA095477	13	25000
A04	KA031181	14	3000
A05	KA041702	15	5000

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

```
mysql> select accident_date, location  
-> from ACCIDENT;
```

accident_date	location
2001-01-03	mysore road
2002-02-04	southend cricle

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

```
mysql> select * from participated;
```

driver_id	reg_num	report_num	damage_amount
A01	KA052250	11	10000
A02	KA053408	12	25000
A03	KA095477	13	25000
A04	KA031181	14	3000
A05	KA041702	15	5000

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

```
mysql> select accident_date, location  
-> from ACCIDENT;
```

accident_date	location
2001-01-03	mysore road
2002-02-04	southend cricle
2021-01-03	bulltemple road
2017-02-08	mysore road
2004-03-05	kanakpura road
2015-03-08	domlur

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

```
mysql> select driver_id  
-> from PARTICIPATED  
-> where damage_amount>=25000;
```

driver_id
A02
A03

```
2 rows in set (0.01 sec)
```

```
mysql>
```