

```
mysql> use spj;
Database changed
mysql> create table spj('s#' char(5) not null, sname varchar(20),status int,city varchar(20));
Query OK, 0 rows affected (0.03 sec)

mysql> insert into spj vallues(s1,'smith',20,'london');
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 'vallues(s1,'smith',20,'london')' at line 1
mysql> insert into spj vallues('s1','smith',20,'london');
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 'vallues('s1','smith',20,'london')' at line 1
mysql> insert into spj values('s1','smith',20,'london');
Query OK, 1 row affected (0.00 sec)

mysql> insert into spj values('s2','jones',10,'paris');
Query OK, 1 row affected (0.01 sec)

mysql> insert into spj values(s3,'blake',30,'paris');
ERROR 1054 (42S22): Unknown column 's3' in 'field list'
mysql> insert into spj values('s3','blake',30,'paris');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into spj values('s2','jones',10,'paris');
Query OK, 1 row affected (0.01 sec)

mysql> insert into spj values(s3,'blake',30,'paris');
ERROR 1054 (42S22): Unknown column 's3' in 'field list'
mysql> insert into spj values('s3','blake',30,'paris');
Query OK, 1 row affected (0.01 sec)

mysql> insert into spj values('s4','clark',20,'london');
Query OK, 1 row affected (0.01 sec)

mysql> insert into spj values('s5','adams',30,'athens');
Query OK, 1 row affected (0.01 sec)

mysql> desc tables
->
-> desc tables;
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 'desc tables' at line 3
mysql> desc spj
-> desc spj;
```

```

-> desc tables;
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 'desc tables' at line 3
mysql> desc spj
-> desc spj;
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 'desc spj' at line 2
mysql> desc spj;
-----+-----+-----+-----+-----+
Field | Type      | Null | Key | Default | Extra |
-----+-----+-----+-----+-----+
s#   | char(5)   | NO   |   | NULL    |       |
sname | varchar(20)| YES  |   | NULL    |       |
status | int        | YES  |   | NULL    |       |
city  | varchar(20)| YES  |   | NULL    |       |
-----+-----+-----+-----+-----+
rows in set (0.02 sec)

```

```

mysql> insert into spj values('s2','jones',18,'paris');
Query OK, 1 row affected (0.01 sec)

mysql> insert into spj values('s3','blake',30,'paris');
ERROR 1054 (42S22): Unknown column 's3' in 'field list'
mysql> insert into spj values('s3','blake',30,'paris');
Query OK, 1 row affected (0.01 sec)

mysql> insert into spj values('s4','clark',28,'london');
Query OK, 1 row affected (0.01 sec)

mysql> insert into spj values('s5','adams',38,'athens');
Query OK, 1 row affected (0.01 sec)

mysql> desc tables
->
-> desc tables;
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 'desc tables' at line 3
mysql> desc spj
-> desc spj;

```



```
mysql> create table p('p#' char(6) not null, pname varchar(20), color varchar(20), wieght int, city varchar(20));
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> insert into p values(p1,'nut', 'red'
-> insert into p values(p1,'nut', 'red',12,'londan
-> insert into p values(p1,'nut', 'red',12,'londan');
```

```
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 'nut', 'red',12,'londan
```

```
insert into p values(p1,'nut', 'red',12,'londan')) at line 2
```

```
mysql> insert into p values(p1,'nut', 'red',12,'londan');
```

```
ERROR 1054 (42S22): Unknown column 'p1' in 'field list'
```

```
mysql> insert into p values('p1','nut', 'red',12,'londan');
```

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

```
mysql> insert into p values('p2','bolt', 'green ',17,'paris');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into p values('p3','screw', 'blur ',17,'rome');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into p values('p4','screw', 'red ',14,'london');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into p values('p4','screw', 'red ',14,'london');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> desc p;
```

Field	Type	Null	Key	Default	Extra
p#	char(6)	NO		NULL	
pname	varchar(20)	YES		NULL	
color	varchar(20)	YES		NULL	
wieght	int	YES		NULL	
city	varchar(20)	YES		NULL	

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

```
mysql>
```

```
mysql> create table p(p# char(6) not null, pname varchar(20), co
       ury OK, 0 rows affected (0.03 sec)
```

```
mysql> insert into p values(p1,'nut', 'red
      '1> insert into p values(p1,'nut', 'red',12,'london
      > insert into p values(p1,'nut', 'red',12,'london');
RROR 1064 (02000): You have an error in your SQL syntax; check the
for the right syntax to use near 'nut', 'red',12,'london'
insert into p values(p1,'nut', 'red',12,'london') at line 2
mysql> insert into p values(p1,'nut', 'red',12,'london');
RROR 1050 (02522): Unknown column 'p1' in 'field list'
mysql> insert into p values('p1','nut', 'red',12,'london');
ury OK, 1 row affected (0.01 sec)
```

```
mysql> insert into p values('p2','bolt', 'green ',17,'paris');
ury OK, 1 row affected (0.01 sec)
```

```
mysql> insert into p values('p3','screw', 'blue ',17,'rome');
ury OK, 1 row affected (0.00 sec)
```

```
mysql> insert into p values('p4','screw', 'red ',14,'london');
ury OK, 1 row affected (0.01 sec)
```



Snipping Tool

Screenshot copied to clipboard

```

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 'Not Null, `j#` char(4) Not Null ,qty int)' at line 1
mysql> CREATE TABLE sp (
->     `s#` CHAR(4) NOT NULL,
->     `p#` CHAR(4) NOT NULL,
->     `j#` CHAR(4) NOT NULL,
->     qty INT
-> );
Query OK, 0 rows affected (0.03 sec)

mysql> insert into sp('s1', 'p1','j1',200);
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 ''s1', 'p1','j1',200)' at line 1
mysql> insert into sp values ('s1', 'p1','j1',200);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j6',400);
Query OK, 1 row affected (0.00 sec)

mysql> insert into sp values ('s3', 'p3','j7',800);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s1', 'p1','j4',700);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j1',400);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j2',200);

mysql> desc J;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| J#    | char(4) | NO  |   | NULL    |       |
| Jname | char(10) | YES |   | NULL    |       |
| City  | char(15) | YES |   | NULL    |       |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

```

```
mysql> insert into j values('J1', 'Sorter', 'Paris');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into j values('J2', 'Punch', 'Rome');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into j values('J3', 'Reader', 'Athens');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into j values('J4', 'Console', 'Athens');
Query OK, 1 row affected (0.04 sec)
```

```
mysql> insert into j values('J5', 'Collator', 'London');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into j values('J6', 'Terminal', 'Oslo');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> Select * from j;
```

J#	Jname	City
J1	Sorter	Paris
J2	Punch	Rome
J3	Reader	Athens
J4	Console	Athens
J5	Collator	London
J6	Terminal	Oslo

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

```
--, 0 rows affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j1',400);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j2',200);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j3',200);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j4',500);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j5',600);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p3','j7',800);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s2', 'p5','j2',100);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s3', 'p3','j1',200);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s3', 'p2','j4',500);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s4', 'p6','j3',300);
```

```
mysql> insert into sp values ('s3', 'p2','j4',500);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s4', 'p6','j3',300);
Query OK, 1 row affected (0.00 sec)

mysql> insert into sp values ('s4', 'p6','j7',300);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s5', 'p2','j2',200);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s5', 'p2','j4',100);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s5', 'p5','j5',500);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s5', 'p5','j7',100);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s5', 'p6','j2',200);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s5', 'p1','j4',100);
Query OK, 1 row affected (0.01 sec)

mysql> insert into sp values ('s5', 'p3','j4',200);
```

IMPORTANT NOTES