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

mysql> USE practices;
Database changed
mysql> CREATE TABLE topic(

- -> id INT(11) NOT NULL AUTO_INCREMENT,
- -> title VARCHAR(100) NOT NULL,
- -> description TEXT NULL,
- -> created DATETIME NOT NULL,
- -> author VARCHAR(30) NULL,
- -> profile VARCHAR(100) NULL
- -> , PRIMARY KEY(id));

Query OK, 0 rows affected (0.01 sec)

```
mysql> SHOW DATABASES;
+----+
| Database
+----+
| information_schema |
mysql
| performance_schema |
practices
+----+
4 rows in set (0.00 sec)
mysql> SHOW TABLES;
+----+
| Tables_in_practices |
+----+
              | topic
+----+
```

1 row in set (0.01 sec)

```
+-----+
        Type
                  | Null | Key | Default | Extra
+-----+
                  NO PRI NULL
| id
         | int(11)
                                 | auto increment |
| title
        | varchar(100) | NO |
                          | NULL
| description | text
                  | YES |
                          | NULL
created
         | datetime
                   | NO |
                            | NULL
| author
         | varchar(30) | YES |
                           | NULL
profile
        varchar(100) | YES |
                         | NULL
+-----
6 rows in set (0.00 sec)
mysql> INSERT INTO topic (title, description, created, author, profile) VALUES('MySQL', 'MySQL is ...',
NOW(), 'min', 'developer');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
| id | title | description | created
                              | author | profile |
+---+
1 | MySQL | MySQL is ... | 2021-05-04 03:19:40 | min
+----+
1 row in set (0.00 sec)
mysql> INSERT INTO topic (title, description, created,author, profile) VALUES('ORACLE', 'ORACLE
is ...', NOW(), 'min', 'developer');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
| id | title | description | created
                               | author | profile |
+---+
| 1 | MySQL | MySQL is ... | 2021-05-04 03:19:40 | min | developer |
| 2 | ORACLE | ORACLE is ... | 2021-05-04 03:20:55 | min
                                       | developer |
+---+
2 rows in set (0.00 sec)
```

mysql> DESC topic;

```
server is ...', NOW(), 'ji', 'data administrator');
Query OK, 1 row affected (0.00 sec)
mysql> INSERT INTO topic (title, description, created,author, profile) VALUES('PostgreSQL',
'PostgreSQL is ...', NOW(), 'hye', 'data scientist, developter');
Query OK, 1 row affected (0.00 sec)
mysql> INSERT INTO topic (title, description, created,author, profile) VALUES('MongoDB',
'MongoDB is ...', NOW(), 'choi', 'developter');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
          description
                        created
                                         | author | profile
+----+
 1 | MySQL
                | MySQL is ... | 2021-05-04 03:19:40 | min | developer
  2 | ORACLE
                 ORACLE is ... | 2021-05-04 03:20:55 | min | developer
3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji | data administrator
 4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
  5 | MongoDB
                 | MongoDB is ... | 2021-05-04 03:25:05 | choi
                                                              developter
+---+
5 rows in set (0.00 sec)
mysql> SELECT id, title, creatd, author FROM topic;
ERROR 1054 (42S22): Unknown column 'creatd' in 'field list'
mysql> SELECT id, title, created, author FROM topic;
+---+
| id | title
          created
                           | author |
+---+
| 1 | MySQL
           | 2021-05-04 03:19:40 | min
2 ORACLE
             | 2021-05-04 03:20:55 | min
3 | SQL Server | 2021-05-04 03:22:28 | ji
4 | PostgreSQL | 2021-05-04 03:24:12 | hye
5 | MongoDB | 2021-05-04 03:25:05 | choi
+---+
```

mysql> INSERT INTO topic (title, description, created,author, profile) VALUES('SQL Server', 'SQL

```
5 rows in set (0.00 sec)
mysql> SELECT "min";
+----+
| min |
+----+
| min |
+----+
1 row in set (0.00 sec)
mysql> SELECT "min", 1+1;
+----+
| min | 1+1 |
+----+
| min | 2 |
+----+
1 row in set (0.00 sec)
mysql> SELECT id, title, created, author FROM topic WHERE author = "min";
+---+
| id | title | created
+---+
1 | MySQL | 2021-05-04 03:19:40 | min
2 | ORACLE | 2021-05-04 03:20:55 | min
+---+
2 rows in set (0.00 sec)
mysql> SELECT id, title, created, author FROM topic WHERE author = "min" ORDER BY id DESC;
+---+
| id | title | created
                       | author |
+---+
2 | ORACLE | 2021-05-04 03:20:55 | min
| 1 | MySQL | 2021-05-04 03:19:40 | min
+---+
2 rows in set (0.00 sec)
mysql> SELECT id, title, created, author FROM topic WHERE author = "min" ORDER BY id DESC
LIMIT 1;
+---+
```

```
+---+
2 | ORACLE | 2021-05-04 03:20:55 | min
+---+
1 row in set (0.00 sec)
mysql> DESC topic;
+-----+
       Type
                | Null | Key | Default | Extra
+-----+
                NO PRI NULL auto_increment
| id
        | int(11)
       | varchar(100) | NO |
| title
                       NULL
               | YES |
| description | text
                       | NULL
created
        | datetime
                 | NO |
                        | NULL
| author
        | varchar(30) | YES |
                       | NULL
profile
       | varchar(100) | YES | NULL
+-----+
6 rows in set (0.01 sec)
mysql> SELECT * FROM topic;
+---+
        description
                   created
                                 | author | profile
+---+
                            | 2021-05-04 03:19:40 | min
  1 | MySQL
             | MySQL is ...
                                                 developer
  2 | ORACLE
              ORACLE is ... | 2021-05-04 03:20:55 | min
                                                  developer
3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji | data administrator
 4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
             5 | MongoDB
+---+
5 rows in set (0.01 sec)
mysql> UPDATE topic SET description = 'Oracle is ...', title = 'Oracle' WHERE id = 2;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> SELECT * FROM topic;
```

| author |

| id | title | created

```
description
                       created
                                       | author | profile
+---+
 1 | MySQL
                | MySQL is ... | 2021-05-04 03:19:40 | min
                                                          | developer
           Oracle is ...
                       | 2021-05-04 03:20:55 | min
2 Oracle
                                             developer
3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji
                                            | data administrator
 4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye
                                            | data scientist, developter |
  5 | MongoDB
                | MongoDB is ... | 2021-05-04 03:25:05 | choi
5 rows in set (0.00 sec)
mysql> DELETE FROM topic WHERE id = 5;
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
| id | title
          description
                        created
                                       | author | profile
+---+
                MySQL is ...
                                 | 2021-05-04 03:19:40 | min | developer
  1 | MySQL
2 Oracle
           Oracle is ...
                       | 2021-05-04 03:20:55 | min
                                             developer
| 3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji
                                            | data administrator
4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye
                                              | data scientist, developter |
+---+
4 rows in set (0.00 sec)
mysql> mysql>ables;
+----+
| Tables_in_practices |
+----+
| topic
+----+
1 row in set (0.00 sec)
mysql> show tables;
+----+
| Tables_in_practices |
```

+---+

```
+----+
+----+
1 row in set (0.00 sec)
mysql> RENAME TABLE topic TO topic_backup;
Query OK, 0 rows affected (0.00 sec)
mysql> SHOW TABLES;
+----+
| Tables_in_practices |
+----+
| topic_backup |
+----+
1 row in set (0.00 sec)
mysql> SELECT * FROM topic_backup;
+---+
         description
                       created
                                        | author | profile
| id | title
+---+
                 MySQL is ...
                                 | 2021-05-04 03:19:40 | min | developer
 1 | MySQL
2 Oracle
            Oracle is ...
                        | 2021-05-04 03:20:55 | min
                                              | developer
| 3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji | data administrator
4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
+----+
4 rows in set (0.00 sec)
mysql > CREATE TABLE `topic` (
      'id' int(11) NOT NULL AUTO_INCREMENT,
      'title' varchar(30) NOT NULL,
      'description' text,
   ->
      'created' datetime NOT NULL,
      'author id' int(11) DEFAULT NULL,
   ->
      PRIMARY KEY ('id')
   -> );
Query OK, 0 rows affected (0.00 sec)
mysql> DESC topic;
```

```
+-----+
          | Type
                     | Null | Key | Default | Extra
+-----+
          | int(11)
                   NO PRI NULL auto_increment
| title
         | varchar(30) | NO |
                             | NULL
                    | YES |
                              | NULL
| description | text
created
          | datetime
                    NO | NULL
         | int(11)
                     | YES |
                               NULL
author id
+----+
5 rows in set (0.00 sec)
mysql> CREATE TABLE `author` (
       'id' int(11) NOT NULL AUTO_INCREMENT,
       'name' varchar(20) NOT NULL,
       'profile' varchar(200) DEFAULT NULL,
   ->
       PRIMARY KEY ('id')
   -> );
Query OK, 0 rows affected (0.00 sec)
mysgl > INSERT INTO author (id, name, profile) VALUES(1, 'egoing', 'developer');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM author;
+---+
| id | name | profile |
+----+
| 1 | egoing | developer |
+----+
1 row in set (0.00 sec)
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(1, 'MySQL', 'MySQL is...',
2021-05-04 17:00', 1);
   -> INSERT INTO topic(id, title, description, created, author_id) VALUES(1, 'MySQL', 'MySQL is...',
'2021-05-04 17:00', 1);
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 '17:00', 1);
```

```
INSERT INTO topic(id, title, description, created, author_id) VAL' at line 1
mysql> SELECT * FROM topic;
                                                              Empty set (0.00 sec)
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(1, 'MySQL', 'MySQL is...',
'2021-05-04 17:00', 1);
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
| id | title | description | created
                                    author_id |
+---+
1 | MySQL | MySQL is... | 2021-05-04 17:00:00 |
+---+
1 row in set (0.00 sec)
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(2, 'ORACLE', 'ORACLE
is...', '2021-05-03 17:00', 1);
Query OK, 1 row affected (0.00 sec)
mysql> INSERT INTO author (id, name, profile) VALUES(2, 'ji', 'data administrator');
Query OK, 1 row affected (0.00 sec)
mysgl> SELECT * FROM author;
----+
                               | id | name | profile
+----+
| 1 | egoing | developer
      | data administrator |
| 2|ji
+---+
2 rows in set (0.00 sec)
mysql> INSERT INTO author (id, name, profile) VALUES(3, 'SQL Server', 'SQL Server is...', '2021-05-
01 17:00', 2);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(3, 'SQL Server', 'SQL
Server is...'
Query OK, 1 row affected (0.01 sec)
mysql> SELECT * FROM topic;
+---+
| id | title | description | created
                                              | author_id |
```

mysql> INSERT INTO author (id, name, profile) VALUES(3, 'hye', 'data scientist, developer'); Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(4, 'PostgreSQL', 'PostgreSQL is...', '2021-05-07 17:00', 3);

Query OK, 1 row affected (0.00 sec)

mysql> SELECT * FROM topic;

++	-+	+	++
id title	description	created	author_id
++	-+	+	++
1 MySQL	MySQL is	2021-05-04 17:0	00:00 1
2 ORACLE	ORACLE is	2021-05-03 17:0	0:00 1
3 SQL Serve	r SQL Server is	2021-05-01 17:00:00	0 2
4 PostgreSQ	L PostgreSQL is	2021-05-07 17:00:0	00 3
++	-+	+	++

⁴ rows in set (0.00 sec)

mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(4, 'PostgreSQL', 'PostgreSQL is...', '2021-05-07 17:[cabox@mysql workspace]\$ mysql -uroot
Welcome to the MySQL monitor. Commands end with ; or ₩g.
Your MySQL connection id is 2
Server version: 5.6.41 MySQL Community Server (GPL)

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

```
Database changed
mysql> CREATE TABLE topic(
   -> id INT(11) NOT NULL AUTO_INCREMENT,
   -> title VARCHAR(100) NOT NULL,
   -> description TEXT NULL,
   -> created DATETIME NOT NULL,
   -> author VARCHAR(30) NULL,
   -> profile VARCHAR(100) NULL
   -> , PRIMARY KEY(id));
Query OK, 0 rows affected (0.01 sec)
mysql> SHOW DATABASES;
+----+
Database
+----+
| information_schema |
mysql
| performance_schema |
practices
+----+
4 rows in set (0.00 sec)
mysql> SHOW TABLES;
+----+
| Tables_in_practices |
+----+
| topic
+----+
1 row in set (0.01 sec)
mysql> DESC topic;
+-----+
         | Type
                     | Null | Key | Default | Extra
+-----+
| id
          | int(11)
                    NO PRI NULL
                                      | auto_increment |
| title
         | varchar(100) | NO |
                              NULL
| description | text
                    | YES |
                              | NULL
created
          | datetime
                               | NULL
                     | NO |
```

mysql> USE practices;

```
| varchar(30) | YES | NULL
author
profile
         | varchar(100) | YES | NULL
+-----+
6 rows in set (0.00 sec)
mysql> INSERT INTO topic (title, description, created, author, profile) VALUES('MySQL', 'MySQL is ...',
NOW(), 'min', 'developer');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
| id | title | description | created
                                  | author | profile |
+----+
1 | MySQL | MySQL is ... | 2021-05-04 03:19:40 | min
+---+
1 row in set (0.00 sec)
mysql> INSERT INTO topic (title, description, created,author, profile) VALUES('ORACLE', 'ORACLE
is ...', NOW(), 'min', 'developer');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+----+-----+------+----------+
| id | title | description | created
                                    | author | profile |
+---+
| 1 | MySQL | MySQL is ... | 2021-05-04 03:19:40 | min | developer |
| 2 | ORACLE | ORACLE is ... | 2021-05-04 03:20:55 | min
+---+
2 rows in set (0.00 sec)
mysql> INSERT INTO topic (title, description, created,author, profile) VALUES('SQL Server', 'SQL
server is ...', NOW(), 'ji', 'data administrator');
Query OK, 1 row affected (0.00 sec)
mysql> INSERT INTO topic (title, description, created,author, profile) VALUES('PostgreSQL',
'PostgreSQL is ...', NOW(), 'hye', 'data scientist, developter');
Query OK, 1 row affected (0.00 sec)
```

mysql> INSERT INTO topic (title, description, created, author, profile) VALUES('MongoDB',

```
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
| id | title
          description
                                       | author | profile
                       created
+---+
                                | 2021-05-04 03:19:40 | min | developer
  1 | MySQL
                MySQL is ...
                ORACLE is ... | 2021-05-04 03:20:55 | min | developer
  2 | ORACLE
 3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji | data administrator
 4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
  5 | MongoDB
                 | MongoDB is ... | 2021-05-04 03:25:05 | choi
                                                          | developter
+---+
5 rows in set (0.00 sec)
mysql> SELECT id, title, creatd, author FROM topic;
ERROR 1054 (42S22): Unknown column 'creatd' in 'field list'
mysql> SELECT id, title, created, author FROM topic;
+---+
| id | title
          created
                          | author |
+---+
| 1 | MySQL
             | 2021-05-04 03:19:40 | min
2 ORACLE
             | 2021-05-04 03:20:55 | min
| 3 | SQL Server | 2021-05-04 03:22:28 | ji
4 | PostgreSQL | 2021-05-04 03:24:12 | hye
5 | MongoDB | 2021-05-04 03:25:05 | choi
+---+
5 rows in set (0.00 sec)
mysql> SELECT "min";
+----+
| min |
+----+
| min |
+----+
```

'MongoDB is ...', NOW(), 'choi', 'developter');

1 row in set (0.00 sec)

```
+----+
| min | 1+1 |
+----+
| min | 2 |
+----+
1 row in set (0.00 sec)
mysgl> SELECT id, title, created, author FROM topic WHERE author = "min";
+---+
| id | title | created
+---+
| 1 | MySQL | 2021-05-04 03:19:40 | min
2 | ORACLE | 2021-05-04 03:20:55 | min
+---+
2 rows in set (0.00 sec)
mysql> SELECT id, title, created, author FROM topic WHERE author = "min" ORDER BY id DESC;
+---+
| id | title | created
+---+
2 | ORACLE | 2021-05-04 03:20:55 | min
| 1 | MySQL | 2021-05-04 03:19:40 | min
+---+
2 rows in set (0.00 sec)
mysql> SELECT id, title, created, author FROM topic WHERE author = "min" ORDER BY id DESC
LIMIT 1;
+---+
| id | title | created
                     | author |
+---+
2 | ORACLE | 2021-05-04 03:20:55 | min
+---+
1 row in set (0.00 sec)
mysql> DESC topic;
+-----+
        | Type | Null | Key | Default | Extra
| Field
```

mysql> SELECT "min", 1+1;

```
| id
         | int(11)
                  NO PRI NULL auto_increment
        | varchar(100) | NO |
| title
                           NULL
| description | text
                  | YES |
                           | NULL
         | datetime
                   NO | NULL
created
         | varchar(30) | YES |
                           | NULL
author
profile
        | varchar(100) | YES |
                           | NULL
+-----+
6 rows in set (0.01 sec)
mysql> SELECT * FROM topic;
+---+
| id | title | description | created
                                      | author | profile
| 2021-05-04 03:19:40 | min | developer
  1 | MySQL
               | MySQL is ...
  2 | ORACLE
                ORACLE is ... | 2021-05-04 03:20:55 | min | developer
3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji | data administrator
 4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
                | MongoDB is ... | 2021-05-04 03:25:05 | choi
  5 | MongoDB
5 rows in set (0.01 sec)
mysgl> UPDATE topic SET description = 'Oracle is ...', title = 'Oracle' WHERE id = 2;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> SELECT * FROM topic;
+---+
| id | title
          description
                        created
                                      | author | profile
| MySQL is ...
                                | 2021-05-04 03:19:40 | min | developer
  1 | MySQL
                      | 2021-05-04 03:20:55 | min | developer
2 Oracle
           Oracle is ...
| 3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji | data administrator
4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
  5 | MongoDB | MongoDB is ... | 2021-05-04 03:25:05 | choi | developter
```

+-----+

```
5 rows in set (0.00 sec)
mysql> DELETE FROM topic WHERE id = 5;
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
                         created
| id | title
           description
                                          | author | profile
                                    | 2021-05-04 03:19:40 | min | developer
  1 | MySQL
                  MySQL is ...
                         | 2021-05-04 03:20:55 | min
2 Oracle
            Oracle is ...
                                                 | developer
 3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji
                                               | data administrator
4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
+---+
4 rows in set (0.00 sec)
mysql> mysql>ables;
+----+
| Tables_in_practices |
+----+
| topic
+----+
1 row in set (0.00 sec)
mysql> show tables;
+----+
| Tables_in_practices |
+----+
| topic
+----+
1 row in set (0.00 sec)
mysql> RENAME TABLE topic TO topic_backup;
Query OK, 0 rows affected (0.00 sec)
mysql> SHOW TABLES;
```

```
| Tables_in_practices |
+----+
| topic_backup
+----+
1 row in set (0.00 sec)
mysql> SELECT * FROM topic backup;
| created
| id | title
          description
                                        | author | profile
+---+
                 MySQL is ...
                                  | 2021-05-04 03:19:40 | min | developer
  1 | MySQL
2 Oracle
            Oracle is ...
                        | 2021-05-04 03:20:55 | min
                                              | developer
| 3 | SQL Server | SQL server is ... | 2021-05-04 03:22:28 | ji
                                             | data administrator
4 | PostgreSQL | PostgreSQL is ... | 2021-05-04 03:24:12 | hye | data scientist, developter |
+---+
4 rows in set (0.00 sec)
mysql> CREATE TABLE 'topic' (
       'id' int(11) NOT NULL AUTO INCREMENT,
      'title' varchar(30) NOT NULL,
      `description` text,
   ->
      'created' datetime NOT NULL,
   ->
       `author_id` int(11) DEFAULT NULL,
       PRIMARY KEY ('id')
   -> );
Query OK, 0 rows affected (0.00 sec)
mysql> DESC topic;
+-----+
l Field
                   | Null | Key | Default | Extra
         | Type
+----+
| id
         | int(11)
                  NO PRI NULL
                                   | auto increment |
| title
        | varchar(30) | NO |
                           | NULL
| description | text
                  | YES |
                           NULL
created
         | datetime
                   | NO |
                          | NULL
                           | NULL
author_id
         | int(11)
                  | YES |
```

+----+

```
5 rows in set (0.00 sec)
mysql> CREATE TABLE `author` (
        'id' int(11) NOT NULL AUTO_INCREMENT,
       `name` varchar(20) NOT NULL,
    -> 'profile' varchar(200) DEFAULT NULL,
    -> PRIMARY KEY ('id')
   -> );
Query OK, 0 rows affected (0.00 sec)
mysql> INSERT INTO author (id, name, profile) VALUES(1, 'egoing', 'developer');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM author;
+----+
| id | name | profile |
+---+
| 1 | egoing | developer |
+----+
1 row in set (0.00 sec)
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(1, 'MySQL', 'MySQL is...',
2021-05-04 17:00', 1);
    -> INSERT INTO topic(id, title, description, created, author_id) VALUES(1, 'MySQL', 'MySQL is...',
'2021-05-04 17:00', 1);
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 '17:00', 1);
INSERT INTO topic(id, title, description, created, author_id) VAL' at line 1
mysgl> SELECT * FROM topic;
                                                                      Empty set (0.00 sec)
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(1, 'MySQL', 'MySQL is...',
'2021-05-04 17:00', 1);
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
+---+
| id | title | description | created
                                       author_id |
```

```
+---+
1 | MySQL | MySQL is... | 2021-05-04 17:00:00 |
+---+
1 row in set (0.00 sec)
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(2, 'ORACLE', 'ORACLE
is...', '2021-05-03 17:00', 1);
Query OK, 1 row affected (0.00 sec)
mysql> INSERT INTO author (id, name, profile) VALUES(2, 'ji', 'data administrator');
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM author;
----+
                            | id | name | profile
+---+
| 1 | egoing | developer
| 2 | ji | data administrator |
+---+
2 rows in set (0.00 sec)
mysql> INSERT INTO author (id, name, profile) VALUES(3, 'SQL Server', 'SQL Server is...', '2021-05-
01 17:00', 2);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(3, 'SQL Server', 'SQL
Server is...'
Query OK, 1 row affected (0.01 sec)
mysql> SELECT * FROM topic;
                                                     +----+
-----+
| id | title | description
                       created
                                        | author_id |
+---+
| 1 | MySQL | MySQL is... | 2021-05-04 17:00:00 |
                                                     1 |
2 ORACLE
             ORACLE is...
                          | 2021-05-03 17:00:00 |
                                                     1 |
3 | SQL Server | SQL Server is... | 2021-05-01 17:00:00 |
+---+
3 rows in set (0.00 sec)
mysql> INSERT INTO author (id, name, profile) VALUES(3, 'hye', 'data scientist, developer');
```

Query OK, 1 row affected (0.00 sec)

```
'PostgreSQL is...', '2021-05-07 17:00', 3);
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM topic;
                                                 +---+
-----+
| id | title | description | created
                                     | author id |
+---+
| 1 | MySQL | MySQL is... | 2021-05-04 17:00:00 |
                                                1 |
2 ORACLE
            ORACLE is... | 2021-05-03 17:00:00 |
                                                1 |
| 3 | SQL Server | SQL Server is... | 2021-05-01 17:00:00 |
4 | PostgreSQL | PostgreSQL is... | 2021-05-07 17:00:00 |
                                              3 |
+---+-----+
4 rows in set (0.00 sec)
mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(5, 'MongoDB',
'MongoDB is...', '2021-05-05 17:00', 1);
Query OK, 1 row affected (0.00 sec)
mysql> SELECT * FROM author;
----+
                         | id | name | profile
+---+
| 1 | egoing | developer
| 2 | ji
        data administrator
3 | hye | data scientist, developer |
+---+
3 rows in set (0.00 sec)
mysql> SELECT * FROM topic;
----+
| id | title
         description
                      created
                                    | author id |
+---+
| 1 | MySQL
            | MySQL is...
                         | 2021-05-04 17:00:00 |
                                                1 |
2 ORACLE
            ORACLE is...
                        | 2021-05-03 17:00:00 |
                                                1 |
3 | SQL Server | SQL Server is... | 2021-05-01 17:00:00 |
4 | PostgreSQL | PostgreSQL is... | 2021-05-07 17:00:00 |
| 5 | MongoDB | MongoDB is... | 2021-05-05 17:00:00 |
                                                  1 |
+---+
```

mysql> INSERT INTO topic(id, title, description, created, author_id) VALUES(4, 'PostgreSQL',

============다음장

[cabox@mysql workspace]\$ -uroot

bash: -uroot: command not found

[cabox@mysql workspace]\$ mysql -uroot

Welcome to the MySQL monitor. Commands end with ; or $\mbox{\em W} g.$

Your MySQL connection id is 2

Server version: 5.6.41 MySQL Community Server (GPL)

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

mysql> SELECT * FROM topic;

ERROR 1046 (3D000): No database selected

mysql> USE practices;

Reading table information for completion of table and column names You can turn off this feature to get a quicker startup with -A

Database changed

mysql> SELECT * FROM topic;

++		+	+	+	+
id title	e d	escription	created	author	_id
++			+		+
1 My	ySQL	MySQL is	2021-05	-04 17:00:00	1
2 OF	RACLE	ORACLE is	2021-05	-03 17:00:00	1
3 SC	L Server	SQL Server is	2021-05-01	17:00:00	2
4 Po	stgreSQL	PostgreSQL is.	2021-05-07	7 17:00:00	3
5 Mo	ongoDB	MongoDB is	s 2021-0	05-05 17:00:00	1
++			+		+

5 rows in set (0.00 sec)

```
mysql> SELECT * FROM author;
```

+---+

id name profile	 +				
1 egoing developer 2 ji	 				
3 rows in set (0.00 sec)	'				
mysql> SELECT * FROM topic LEFT JOIN	•				
+					
id title		·			
+	+	+	+	+	
1 MySQL is developer	2021-05-04	17:00:00	1	1	egoing
2 ORACLE ORACLE is	2021-05-03 1	7:00:00	1	1	egoing
developer MongoDB is developer	2021-05-05	17:00:00	1	1	egoing
3 SQL Server SQL Server is 3 administrator	2021-05-01 17:00	0:00	2	2 ji	data
4 PostgreSQL PostgreSQL is 2 scientist, developer		·	·		data
++	+	+	+	+	
5 rows in set (0.00 sec)					
mysql> mysql> SELECT topic.id, title, c author ON topic.author_id = author.id; ERROR 1064 (42000): You have an error your MySQL server version for the righ	in your SQL synt	ax; check the i	manual t	that corre	sponds to
<pre>topic.author_id = author.id' at line 1 mysql> SELECT topic.id, title, description topic.author_id = author.id;</pre>					
++ id title description creat		 name			-+
++	+	+			-+

```
| MySQL is... | 2021-05-04 17:00:00 | egoing | developer
  1 | MySQL
  2 | ORACLE
               ORACLE is... | 2021-05-03 17:00:00 | egoing | developer
               | MongoDB is... | 2021-05-05 17:00:00 | egoing | developer
  5 | MongoDB
3 | SQL Server | SQL Server is... | 2021-05-01 17:00:00 | ji | data administrator
 4 | PostgreSQL | PostgreSQL is... | 2021-05-07 17:00:00 | hye | data scientist, developer |
+---+
5 rows in set (0.00 sec)
mysql> SELECT topic.id AS topic_id, title, description, created, name, profile FROM topic LEFT JOIN
author ON topic.author_id = author.id;
| topic_id | title | description | created
                                               name
                                                      profile
1 | MySQL | MySQL is... | 2021-05-04 17:00:00 | egoing | developer
      2 | ORACLE | ORACLE is... | 2021-05-03 17:00:00 | egoing | developer
      5 | MongoDB
                 | MongoDB is... | 2021-05-05 17:00:00 | egoing | developer
      3 | SQL Server | SQL Server is... | 2021-05-01 17:00:00 | ji | data administrator
      4 | PostgreSQL | PostgreSQL is... | 2021-05-07 17:00:00 | hye | data scientist,
developer |
+-----+
5 rows in set (0.00 sec)
mysql> e FROM topic LEFT JOIN author ON topic.author_id = author.id;
-----+
| id | title
         description
                    created name profile
profile
-----+
            | MySQL is... | 2021-05-04 17:00:00 | egoing | developer
| 1 | MySQL
|ng | developer
```

2 ORACLE ORACLE is 2021-05-03 17:00:00 egoing developer
ng developer
5 MongoDB MongoDB is 2021-05-05 17:00:00 egoing developer
ng developer
3 SQL Server SQL Server is 2021-05-01 17:00:00 ji data administrator
data administrator
4 PostgreSQL PostgreSQL is 2021-05-07 17:00:00 hye data scientist, developer
data scientist, developer
++
+
5 rows in set (0.00 sec)
mysql> SELECT topic.id AS topic_id, title, description, created, name, profile FROM topic LEFT JOIN
author ON topic.author_id = author.id;thor.id;
+
+++
topic_id title
name profile
+
+++
1 MySQL MySQL is 2021-05-04 17:00:00 egoing developer
egoing developer
2 ORACLE ORACLE is 2021-05-03 17:00:00 egoing developer
egoing developer
5 MongoDB MongoDB is 2021-05-05 17:00:00 egoing developer
egoing developer
3 SQL Server SQL Server is 2021-05-01 17:00:00 ji data administrator
ji data administrator
4 PostgreSQL PostgreSQL is 2021-05-07 17:00:00 hye data scientist,
developer hye data scientist, developer
++
+++
5 rows in set (0.00 sec)