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Reporte 0

```
MySQL 8.0 Command Line Client
1 row in set (0.01 sec)

mysql> alter table asistencia add constraint regular foreign key ('idp') references profesor ('idp');
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 ''idp') referen
ces profesor ('idp')' at line 1
mysql> alter table asistencia add constraint regular foreign key ('idp') references profesor ('idp');
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 ''idp') refere
nces profesor ('idp')' at line 1
mysql> alter table asistencia add constraint regular foreign key ('idp') references profesor ('idp');
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 'regular forei
gn key ('idp') references profesor ('idp')' at line 1
mysql> describe profesor;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | PRI | NULL | |
| nombrep | varchar(15) | NO | | NULL | |
| estudio | int | NO | | NULL | |
| fechanac | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> show tables
+-----+
-> show 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 'show tables'
at line 2
mysql> show tables;
+-----+
| Tables_in_bd3m1 |
+-----+
| asignatura      |
| asistencia      |
| clase           |
| profesor        |
| temporal        |
+-----+
5 rows in set (0.00 sec)

mysql> describe temporal;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
MySQL 8.0 Command Line Client

mysql> alter table add column nombre varchar(15) not null;
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 'add column no
mbre varchar(15) not null' at line 1
mysql> alter table temporal add column nombre varchar(15) not null;
Query OK, 0 rows affected (0.10 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe temporal;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | PRI | NULL | |
| nombre | varchar(15) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> alter table temporal add column edad int(2) not null, add column fecha_nac date null;
Query OK, 0 rows affected, 1 warning (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> alter table temporal drop column fecha_nac;
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe temporal;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | PRI | NULL | |
| nombre | varchar(15) | NO | | NULL | |
| edad  | int | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

mysql> alter table temporal drop primary key;
ERROR 1553 (HY000): Cannot drop index 'PRIMARY': needed in a foreign key constraint
mysql> alter table temporal drop foreign key fk;
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table asistencia add constraint regular foreign key fk ('idp') references profesor ('idp');
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 ''idp') referen
ces profesor ('idp')' at line 1
```

```
MySQL 8.0 Command Line Client
mysql> show create table temporal;
+-----+
| Table | Create Table |
+-----+
| temporal | CREATE TABLE `temporal` (
  `idp` char(3) NOT NULL,
  `nombre` varchar(15) NOT NULL,
  `edad` int NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-----+
1 row in set (0.00 sec)

mysql> describe temporal;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| idp | char(3) | NO | | NULL | |
| nombre | varchar(15) | NO | | NULL | |
| edad | int | NO | | NULL | |
+-----+
3 rows in set (0.00 sec)

mysql> alter table temporal add column genero char(1) first;
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe temporal;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| genero | char(1) | YES | | NULL | |
| idp | char(3) | NO | | NULL | |
| nombre | varchar(15) | NO | | NULL | |
| edad | int | NO | | NULL | |
+-----+
4 rows in set (0.01 sec)

mysql> alter table temporal add column fecha_nac date null after nombre;
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MySQL 8.0 Command Line Client
mysql> describe temporal;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| genero | char(1) | YES | | NULL | |
| idp | char(3) | NO | | NULL | |
| nombre | varchar(15) | NO | | NULL | |
| fecha_nac | date | YES | | NULL | |
| edad | int | NO | | NULL | |
+-----+
5 rows in set (0.00 sec)

mysql> alter table temporal modify nombre int(4) not null;
Query OK, 0 rows affected, 1 warning (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> describe temporal;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| genero | char(1) | YES | | NULL | |
| idp | char(3) | NO | | NULL | |
| nombre | int | NO | | NULL | |
| fecha_nac | date | YES | | NULL | |
| edad | int | NO | | NULL | |
+-----+
5 rows in set (0.01 sec)

mysql> alter table temporal modify nombre int(4) not null first;
Query OK, 0 rows affected, 1 warning (0.11 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> describe temporal;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| nombre | int | NO | | NULL | |
| genero | char(1) | YES | | NULL | |
| idp | char(3) | NO | | NULL | |
| fecha_nac | date | YES | | NULL | |
| edad | int | NO | | NULL | |
+-----+
5 rows in set (0.00 sec)
```

```
MySQL 8.0 Command Line Client
mysql> describe temporal;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre | int | NO | | NULL | |
| genero | char(1) | YES | | NULL | |
| idp | char(3) | NO | | NULL | |
| edad | int | NO | | NULL | |
| fecha_nac | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql> alter table temporal change nombre nombre_temporal varchar(20) not null;
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe temporal;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre_temporal | varchar(20) | NO | | NULL | |
| genero | char(1) | YES | | NULL | |
| idp | char(3) | NO | | NULL | |
| edad | int | NO | | NULL | |
| fecha_nac | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql> alter table temporal rename temporales;
Query OK, 0 rows affected (0.08 sec)

mysql> describe temporal;
ERROR 1146 (42502): Table 'bd3m1.temporal' doesn't exist
mysql> describe temporales;
-> describe temporales;
-> ;
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 ':
describe temporales:' at line 1
mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre_temporal | varchar(20) | NO | | NULL | |
| genero | char(1) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
MySQL 8.0 Command Line Client
mysql> describe temporal;
ERROR 1146 (42502): Table 'bd3m1.temporal' doesn't exist
mysql> describe temporales;
-> describe temporales;
-> ;
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 ':
describe temporales:' at line 1
mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre_temporal | varchar(20) | NO | | NULL | |
| genero | char(1) | YES | | NULL | |
| idp | char(3) | NO | | NULL | |
| edad | int | NO | | NULL | |
| fecha_nac | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> alter table temporales drop edad, drop genero, drop fecha_nac;
Query OK, 0 rows affected (0.14 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nombre_temporal | varchar(20) | NO | | NULL | |
| idp | char(3) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.06 sec)

mysql> alter table temporales modify idp char(3) not null first;
Query OK, 0 rows affected (0.12 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp | char(3) | NO | | NULL | |
| nombre_temporal | varchar(20) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | | NULL | |
| nombre_temporal | varchar(20) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> alter table temporales add column edad int(2) not null default 20;
Query OK, 0 rows affected, 1 warning (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | | NULL | |
| nombre_temporal | varchar(20) | NO | | NULL | |
| edad  | int | NO | | 20 | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> insert into temporales values('1', 'Aldo', default);
Query OK, 1 row affected (0.06 sec)

mysql> select * from temporales;
+-----+-----+-----+
| idp | nombre_temporal | edad |
+-----+-----+-----+
| 1 | Aldo | 20 |
+-----+-----+-----+
1 row in set (0.05 sec)

mysql> alter table temporales modify nombre_temporal varchar(20) not null default 'cadena';
Query OK, 0 rows affected (0.08 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> insert into temporales values('1', default, default);
Query OK, 1 row affected (0.05 sec)

mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | | NULL | |
| nombre_temporal | varchar(20) | NO | | cadena | |
| edad  | int | NO | | 20 | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from temporales;
+-----+-----+-----+
| idp | nombre_temporal | edad |
+-----+-----+-----+
| 1 | Aldo | 20 |
| 1 | cadena | 20 |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> alter table temporales modify idp int(2) not null primary key auto.increament;
ERROR 1062 (23000): ALTER TABLE causes auto.increament resequencing, resulting in duplicate entry '1' for key 'temporales.PRIMARY'
mysql> alter table temporales modify idp int(2) not null primary key auto.increament;
ERROR 1062 (23000): ALTER TABLE causes auto.increament resequencing, resulting in duplicate entry '1' for key 'temporales.PRIMARY'
mysql> alter table temporales drop where nombre_temporal='cadena';
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 'where nombre_
temporal='cadena'' at line 1
mysql> alter table temporales delete where idp = '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 'delete where
idp = '1'' at line 1
mysql> delete from temporales where nombre_temporal='cadena';
Query OK, 1 row affected (0.06 sec)

mysql> select * from temporales;
+-----+-----+-----+
| idp | nombre_temporal | edad |
+-----+-----+-----+
| 1 | Aldo | 20 |
+-----+-----+-----+
1 row in set (0.05 sec)
```

```
MySQL 8.0 Command Line Client
1 row in set (0.05 sec)

mysql> insert into temporales values('2', default, default);
Query OK, 1 row affected (0.05 sec)

mysql> describe temporales;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| idp   | char(3) | NO | | NULL | |
| nombre_temporal | varchar(20) | NO | | cadena | |
| edad | int | NO | | 20 | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.06 sec)

mysql> select * from temporales;
+-----+-----+-----+
| idp | nombre_temporal | edad |
+-----+-----+-----+
| 1 | Aldo | 20 |
| 2 | cadena | 20 |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> alter table temporales modify idp int(2) not null primary key auto_increment;
Query OK, 2 rows affected, 1 warning (0.14 sec)
Records: 2 Duplicates: 0 Warnings: 1

mysql> insert into temporales values('Carlos', default);
ERROR 1136 (21501): Column count doesn't match value count at row 1
mysql> insert into temporales (nombre_temporal, edad) values ('Cris', 21);
Query OK, 1 row affected (0.06 sec)

mysql> select * from temporales;
+-----+-----+-----+
| idp | nombre_temporal | edad |
+-----+-----+-----+
| 1 | Aldo | 20 |
| 2 | cadena | 20 |
| 3 | Cris | 21 |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

```
MySQL 8.0 Command Line Client
+-----+-----+-----+
| idp | nombre_temporal | edad |
+-----+-----+-----+
| 1 | Aldo | 20 |
| 2 | cadena | 20 |
| 3 | Cris | 21 |
| 4 | Nancy | 21 |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> show variables like 'auto_increment%';
+-----+-----+
| Variable_name | Value |
+-----+-----+
| auto_increment_increment | 1 |
| auto_increment_offset | 1 |
+-----+-----+
2 rows in set, 1 warning (0.07 sec)

mysql> set @@auto_increment_increment=10;
Query OK, 0 rows affected (0.05 sec)

mysql> show variables like 'auto_increment%';
+-----+-----+
| Variable_name | Value |
+-----+-----+
| auto_increment_increment | 10 |
| auto_increment_offset | 1 |
+-----+-----+
2 rows in set, 1 warning (0.00 sec)

mysql> insert into temporales (nombre_temporal, edad) values ('Oscar', 21);
Query OK, 1 row affected (0.00 sec)

mysql> select * from temporales;
+-----+-----+-----+
| idp | nombre_temporal | edad |
+-----+-----+-----+
| 1 | Aldo | 20 |
| 2 | cadena | 20 |
| 3 | Cris | 21 |
| 4 | Nancy | 21 |
| 11 | Oscar | 21 |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```