

```
mysql> show databases;
```

Database
bdclase
comandosinsert
enlaces
information_schema
mysql
performance_schema
pruebacomandos
sakila
sys
world

```
10 rows in set (0.65 sec)
```

```
mysql> use comandosinsert;
```

```
Database changed
```

```
mysql> show tables;
```

Tables_in_comandosinsert
cajero
factura
productos

```
3 rows in set (0.15 sec)
```

```
mysql> describe cajero;
```

Field	Type	Null	Key	Default	Extra
idCajero	int	NO	PRI	NULL	auto_increment
Nombre	varchar(45)	YES		NULL	
StatusConection	tinyint(1)	NO		NULL	
Apellido	varchar(20)	NO		NULL	

```
4 rows in set (0.12 sec)
```

```
mysql> describe factura;
```

Field	Type	Null	Key	Default	Extra
idFactura	int	NO	PRI	NULL	auto_increment
idProd	int	YES	MUL	NULL	
ValorTotal	int	NO		NULL	
idcajero	int	YES	MUL	NULL	
fecha	date	YES		NULL	

```
mysql> select * from clientes;
+-----+-----+-----+-----+-----+
| idCliente | Nombres | Apellidos | Telefono | edad |
+-----+-----+-----+-----+-----+
| 1010101010 | Maria | Gil | 5554422 | 22 |
| 1012333444 | Andres | Saenz | 7778844 | 17 |
| 1222451622 | David | Mora | 1114422 | 30 |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from cajero;
+-----+-----+-----+-----+
| idCajero | Nombre | StatusConection | Apellido |
+-----+-----+-----+-----+
| 1 | Andres | 1 | Saenz |
| 2 | Maria | 1 | Gil |
| 3 | Juan | 1 | Saenz |
| 4 | Angelica | 1 | Ferrari |
+-----+-----+-----+-----+
4 rows in set (0.04 sec)

mysql> update cajero set StatusConection=false where Apellido in (select Apellido from clientes where Apellido="Saenz");
Query OK, 2 rows affected (0.06 sec)
Rows matched: 2 Changed: 2 Warnings: 0

mysql> select * from cajero;
+-----+-----+-----+-----+
| idCajero | Nombre | StatusConection | Apellido |
+-----+-----+-----+-----+
| 1 | Andres | 0 | Saenz |
| 2 | Maria | 1 | Gil |
| 3 | Juan | 0 | Saenz |
| 4 | Angelica | 1 | Ferrari |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> update cajero set StatusConection=true where idCliente in (select idCliente from clientes where idCliente=1010101010);
ERROR 1054 (42S22): Unknown column 'idCliente' in 'IN/ALL/ANY subquery'
mysql> select * from clientes where Nombres in (select Nombre from cajero) and edad>=20;
+-----+-----+-----+-----+-----+
| idCliente | Nombres | Apellidos | Telefono | edad |
+-----+-----+-----+-----+-----+
| 1010101010 | Maria | Gil | 5554422 | 22 |
+-----+-----+-----+-----+-----+
1 row in set (0.06 sec)

mysql> select * from clientes where Nombres in (select Nombre from cajero) and edad<=22;
+-----+-----+-----+-----+-----+
| idCliente | Nombres | Apellidos | Telefono | edad |
+-----+-----+-----+-----+-----+
| 1010101010 | Maria | Gil | 5554422 | 22 |
| 1012333444 | Andres | Saenz | 7778844 | 17 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from clientes where Nombres in (select Nombre from cajero) and left(Apellidos, 1)="S";
+-----+-----+-----+-----+-----+
| idCliente | Nombres | Apellidos | Telefono | edad |
+-----+-----+-----+-----+-----+
| 1012333444 | Andres | Saenz | 7778844 | 17 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from clientes where Nombres in (select Nombre from cajero) and left(Apellidos, 1)="S" or left(Nombres)="M";
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 ')'="M"' at line 1
mysql> select * from clientes where Nombres in (select Nombre from cajero) and left(Apellidos, 1)="S" or left(Nombres,1)="M";
+-----+-----+-----+-----+-----+
| idCliente | Nombres | Apellidos | Telefono | edad |
+-----+-----+-----+-----+-----+
| 1010101010 | Maria | Gil | 5554422 | 22 |
| 1012333444 | Andres | Saenz | 7778844 | 17 |
+-----+-----+-----+-----+-----+
2 rows in set (0.06 sec)

mysql> select * from cajero where Nombre regexp "i";
+-----+-----+-----+-----+
| idCajero | Nombre | StatusConection | Apellido |
+-----+-----+-----+-----+
| 2 | Maria | 1 | Gil |
| 4 | Angelica | 1 | Ferrari |
+-----+-----+-----+-----+
2 rows in set (0.06 sec)

mysql> select * from cajero where Nombre regexp "z";
Empty set (0.00 sec)

mysql> select * from cajero where Apellido regexp "z";
+-----+-----+-----+-----+
| idCajero | Nombre | StatusConection | Apellido |
+-----+-----+-----+-----+
| 1 | Andres | 0 | Saenz |
| 3 | Juan | 0 | Saenz |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * from clientes where Apellidos regexp "l$";
```

idCliente	Nombres	Apellidos	Telefono	edad
1010101010	Maria	Gil	5554422	22

```
1 row in set (0.00 sec)
```

```
mysql> select * from clientes where Apellidos regexp "l$" | "z$";  
Empty set, 2 warnings (0.03 sec)
```

```
mysql> select * from clientes;
```

idCliente	Nombres	Apellidos	Telefono	edad
1010101010	Maria	Gil	5554422	22
1012333444	Andres	Saenz	7778844	17
1222451622	David	Mora	1114422	30

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