mysql> show tables;

+------------------------+

| Tables\_in\_frameworkphp |

+------------------------+

| address |

| users |

+------------------------+

2 rows in set (0.01 sec)

mysql> desc tables;

ERROR 1146 (42S02): Table 'frameworkphp.tables' doesn't exist

mysql> desc \*;

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 '\*' at line 1

mysql> desc address;

+---------+--------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+---------+--------------+------+-----+---------+----------------+

| id | int(11) | NO | PRI | NULL | auto\_increment |

| street | varchar(255) | YES | | NULL | |

| number | int(6) | YES | | NULL | |

| country | varchar(50) | YES | | NULL | |

| city | varchar(200) | YES | | NULL | |

+---------+--------------+------+-----+---------+----------------+

5 rows in set (0.08 sec)

mysql> drop table address;

Query OK, 0 rows affected (0.05 sec)

mysql> create table addresses(id int(11) auto\_increment not null, street varchar(255), number int(6), country varchar(50), city varchar(200), foreign key(user) references users(id), primary key(id));

ERROR 1072 (42000): Key column 'user' doesn't exist in table

mysql> create table addresses(id int(11) auto\_increment not null, user int(11) not null,street varchar(255), number int(6), country varchar(50), city varchar(200), foreign key(user) references users(id), primary key(id));

Query OK, 0 rows affected (0.07 sec)

mysql> desc addresses;

+---------+--------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+---------+--------------+------+-----+---------+----------------+

| id | int(11) | NO | PRI | NULL | auto\_increment |

| user | int(11) | NO | MUL | NULL | |

| street | varchar(255) | YES | | NULL | |

| number | int(6) | YES | | NULL | |

| country | varchar(50) | YES | | NULL | |

| city | varchar(200) | YES | | NULL | |

+---------+--------------+------+-----+---------+----------------+

6 rows in set (0.01 sec)

mysql> insert into addresses(user, street, number, country, city) values(1, "Home", 0, "Space", "Pluto");

Query OK, 1 row affected (0.02 sec)

mysql> select \* from addresses;

+----+------+--------+--------+---------+-------+

| id | user | street | number | country | city |

+----+------+--------+--------+---------+-------+

| 1 | 1 | Home | 0 | Space | Pluto |

+----+------+--------+--------+---------+-------+

1 row in set (0.01 sec)

mysql> insert into addresses(user, street, number, country, city) values(5, "Home", 0, "Space", "Pluto");

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`frameworkphp`.`addresses`, CONSTRAINT `addresses\_ibfk\_1` FOREIGN KEY (`user`) REFERENCES `users` (`id`))

mysql> select \* from addresses, users where users.id = 1 and addresses.user = 1;

+----+------+--------+--------+---------+-------+----+----------+-----------+

| id | user | street | number | country | city | id | surname | firstname |

+----+------+--------+--------+---------+-------+----+----------+-----------+

| 1 | 1 | Home | 0 | Space | Pluto | 1 | PETEMOYA | Gailor |

+----+------+--------+--------+---------+-------+----+----------+-----------+

1 row in set (0.03 sec)

mysql> insert into addresses(user, street, number, country, city) values(2, "HotS", 2, "Nexus", "Core"), (3, "Airborne", 25, "Stratosphere", "Dragon Town");

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> select \* from addresses, users group by;

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 '' at line 1

mysql> select \* from addresses, users group by user.id;

ERROR 1054 (42S22): Unknown column 'user.id' in 'group statement'

mysql> select \* from addresses, users group by users.id;

+----+------+--------+--------+---------+-------+----+-----------+-----------+

| id | user | street | number | country | city | id | surname | firstname |

+----+------+--------+--------+---------+-------+----+-----------+-----------+

| 1 | 1 | Home | 0 | Space | Pluto | 1 | PETEMOYA | Gailor |

| 1 | 1 | Home | 0 | Space | Pluto | 2 | Chronormu | Chromie |

| 1 | 1 | Home | 0 | Space | Pluto | 3 | Amani | Zul'jin |

| 1 | 1 | Home | 0 | Space | Pluto | 4 | Proudmore | Jaina |

+----+------+--------+--------+---------+-------+----+-----------+-----------+

4 rows in set (0.01 sec)

mysql> select \* from addresses, users group by users.id, addresses.user;

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

| id | user | street | number | country | city | id | surname | firstname |

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

| 1 | 1 | Home | 0 | Space | Pluto | 1 | PETEMOYA | Gailor |

| 3 | 2 | HotS | 2 | Nexus | Core | 1 | PETEMOYA | Gailor |

| 4 | 3 | Airborne | 25 | Stratosphere | Dragon Town | 1 | PETEMOYA | Gailor |

| 1 | 1 | Home | 0 | Space | Pluto | 2 | Chronormu | Chromie |

| 3 | 2 | HotS | 2 | Nexus | Core | 2 | Chronormu | Chromie |

| 4 | 3 | Airborne | 25 | Stratosphere | Dragon Town | 2 | Chronormu | Chromie |

| 1 | 1 | Home | 0 | Space | Pluto | 3 | Amani | Zul'jin |

| 3 | 2 | HotS | 2 | Nexus | Core | 3 | Amani | Zul'jin |

| 4 | 3 | Airborne | 25 | Stratosphere | Dragon Town | 3 | Amani | Zul'jin |

| 1 | 1 | Home | 0 | Space | Pluto | 4 | Proudmore | Jaina |

| 3 | 2 | HotS | 2 | Nexus | Core | 4 | Proudmore | Jaina |

| 4 | 3 | Airborne | 25 | Stratosphere | Dragon Town | 4 | Proudmore | Jaina |

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

12 rows in set (0.00 sec)

mysql> select \* from addresses, users where users.id = addresses.user;

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

| id | user | street | number | country | city | id | surname | firstname |

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

| 1 | 1 | Home | 0 | Space | Pluto | 1 | PETEMOYA | Gailor |

| 3 | 2 | HotS | 2 | Nexus | Core | 2 | Chronormu | Chromie |

| 4 | 3 | Airborne | 25 | Stratosphere | Dragon Town | 3 | Amani | Zul'jin |

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

3 rows in set (0.00 sec)

mysql> select \* from addresses as Addresses, users as Users where users.id = addresses.user;

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

| id | user | street | number | country | city | id | surname | firstname |

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

| 1 | 1 | Home | 0 | Space | Pluto | 1 | PETEMOYA | Gailor |

| 3 | 2 | HotS | 2 | Nexus | Core | 2 | Chronormu | Chromie |

| 4 | 3 | Airborne | 25 | Stratosphere | Dragon Town | 3 | Amani | Zul'jin |

+----+------+----------+--------+--------------+-------------+----+-----------+-----------+

3 rows in set (0.00 sec)

mysql> select users.surname as Surname, users.firstname as Firstname, addresses.street as Street from addresses, users where users.id = addresses.user;

+-----------+-----------+----------+

| Surname | Firstname | Street |

+-----------+-----------+----------+

| PETEMOYA | Gailor | Home |

| Chronormu | Chromie | HotS |

| Amani | Zul'jin | Airborne |

+-----------+-----------+----------+

3 rows in set (0.01 sec)

mysql>