Flight and pilot table :

```
mysql> desc flight1;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| f_id      | int(50)     | YES  |     | NULL    |       |
| src       | varchar(50) | YES  |     | NULL    |       |
| dest      | varchar(50) | YES  |     | NULL    |       |
| arri_date | date        | YES  |     | NULL    |       |
| arr_time  | varchar(50) | YES  |     | NULL    |       |
| dept_date | date        | YES  |     | NULL    |       |
| dept_time | varchar(50) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
7 rows in set (0.00 sec)

mysql> desc pilot1;
ERROR 1146 (42S02): Table 'prince.pilot1' doesn't exist
mysql> desc piot1;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| f_id   | int(50)     | YES  |     | NULL    |       |
| p_id   | int(50)     | YES  |     | NULL    |       |
| p_name | varchar(50) | YES  |     | NULL    |       |
| p_age  | int(50)     | YES  |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
4 rows in set (0.01 sec)
```

Values of flight and pilot table:

```
mysql> SELECT * FROM piot1;
+------+------+--------+-------+
| f_id | p_id | p_name | p_age |
+------+------+--------+-------+
|  101 |    0 | P      |    10 |
|  102 |    1 | I      |    10 |
|  103 |    2 | L      |    10 |
|  106 |    3 | O      |    10 |
|  107 |    4 | T      |    10 |
|  108 |    5 | E      |    10 |
+------+------+--------+-------+
6 rows in set (0.00 sec)

mysql> SELECT * FROM flight1;
+------+------+------+------------+----------+------------+-----------+
| f_id | src  | dest | arri_date  | arr_time | dept_date  | dept_time |
+------+------+------+------------+----------+------------+-----------+
|  101 | A    | X    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
|  102 | B    | Y    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
|  103 | C    | Z    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
|  104 | D    | P    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
|  105 | E    | Q    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
+------+------+------+------------+----------+------------+-----------+
5 rows in set (0.00 sec)
```

IN :

```
mysql> select f_id,dest from flight1
    -> where f_id in (select f_id from flight1);
+------+------+
| f_id | dest |
+------+------+
|  101 | X    |
|  102 | Y    |
|  103 | Z    |
|  104 | P    |
|  105 | Q    |
+------+------+
5 rows in set (0.00 sec)
```

NOT IN :

```
mysql> select f_id,dest from flight1  where f_id not in (select f_id from piot1);
+------+------+
| f_id | dest |
+------+------+
|  104 | P    |
|  105 | Q    |
+------+------+
2 rows in set (0.00 sec)
```

ALL:

```
ERROR 1054 (42S22): Unknown column 'p_name' in 'where clause'
mysql> select * from flight1 where dest="Z" and f_id>all (select p_age from piot1 where p_name="O");
+------+------+------+------------+----------+------------+-----------+
| f_id | src  | dest | arri_date  | arr_time | dept_date  | dept_time |
+------+------+------+------------+----------+------------+-----------+
|  103 | C    | Z    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
+------+------+------+------------+----------+------------+-----------+
1 row in set (0.00 sec)
```

ANY :

```
mysql> select * from flight1 where dest="Z" and f_id>any (select p_age from piot1 where p_name="O");
+------+------+------+------------+----------+------------+-----------+
| f_id | src  | dest | arri_date  | arr_time | dept_date  | dept_time |
+------+------+------+------------+----------+------------+-----------+
|  103 | C    | Z    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
+------+------+------+------------+----------+------------+-----------+
1 row in set (0.00 sec)
```

CO -RELATED NESTED QUERIES :

```
ERROR 1054 (42S22): Unknown column 'flight1' in 'field list'
mysql> select * from flight1 where f_id>(select avg(f_id) from piot1);
+------+------+------+------------+----------+------------+-----------+
| f_id | src  | dest | arri_date  | arr_time | dept_date  | dept_time |
+------+------+------+------------+----------+------------+-----------+
|  105 | E    | Q    | 2001-02-02 | 2:00     | 2002-02-03 | 3:00      |
+------+------+------+------------+----------+------------+-----------+
1 row in set (0.00 sec)
```