

## Задание 1

```
postgres=# INSERT INTO aircrafts ( aircraft_code, model, range )
VALUES ( '773', 'Boeing 777-300', 11100 ),
( '763', 'Boeing 767-300', 7900 ),
( '733', 'Boeing 737-300', 4200 ),
( '320', 'Airbus A320-200', 5700 ),
( '321', 'Airbus A321-200', 5600 ),
( '319', 'Airbus A319-100', 6700 ),
( 'CN1', 'Cessna 208 Caravan', 1200 ),
( 'CR2', 'Bombardier CRJ-200', 2700 );
INSERT 0 8
postgres=# INSERT INTO aircrafts
VALUES ( 'SU9', 'Sukhoi SuperJet-100', 3000 );
INSERT 0 1
postgres=# INSERT INTO aircrafts
VALUES ( 'SU9', 'Sukhoi SuperJet-100', 3000 );
ERROR:  duplicate key value violates unique constraint "aircrafts_pkey"
DETAIL:  Key (aircraft_code)=(SU9) already exists.
postgres=#
```

```
postgres=# \d aircrafts
          Table "public.aircrafts"
   Column   |      Type      | Collation | Nullable | Default
-----+-----+-----+-----+-----
 aircraft_code | character(3) |           | not null |
   model      | text          |           | not null |
   range      | integer       |           | not null |
Indexes:
    "aircrafts_pkey" PRIMARY KEY, btree (aircraft_code)
Check constraints:
    "aircrafts_range_check" CHECK (range > 0)

postgres=#
```

при вводе данных получили ошибку так как aircrafts\_pkey должно быть уникальным (primary key)

## Задание 2

сортировка по убыванию

```
demo=# select * from aircrafts order by range desc;
 aircraft_code |          model          | range
-----+-----+-----
 773           | Boeing 777-300         | 11100
 763           | Boeing 767-300         | 7900
 319           | Airbus A319-100        | 6700
 320           | Airbus A320-200        | 5700
 321           | Airbus A321-200        | 5600
 733           | Boeing 737-300         | 4200
 SU9           | Sukhoi SuperJet-100    | 3000
 CR2           | Bombardier CRJ-200     | 2700
 CN1           | Cessna 208 Caravan     | 1200
(9 строк)
```

### Задание 3

увеличиваем range в два раза там, где модель = sukhoi superjet-100

```
postgres=# UPDATE aircrafts SET range =range*2
postgres-# WHERE model LIKE 'Sukhoi SuperJet-100';
UPDATE 1
```

выводим, что получилось. дистанция вместо 3000 стала 6000.

```
postgres=# select * from aircrafts where model like 'Sukhoi SuperJet-100';
 aircraft_code |          model          | range
-----+-----+-----
 SU9           | Sukhoi SuperJet-100    | 6000
(1 row)

postgres=#
```

### Задание 4

Попытаемся удалить строку с model= model. Такой не существует, видим запись delete 0.

```
postgres=# delete from aircrafts where model = 'model'
postgres-# ;
DELETE 0
postgres=#
```