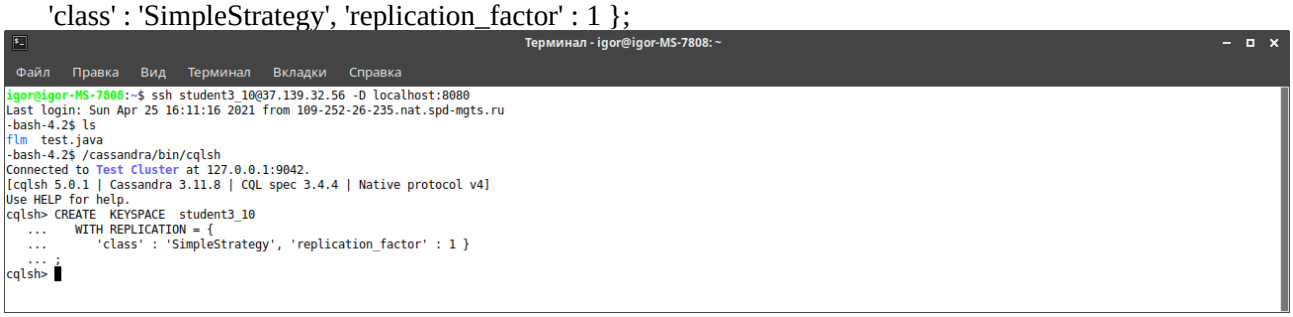
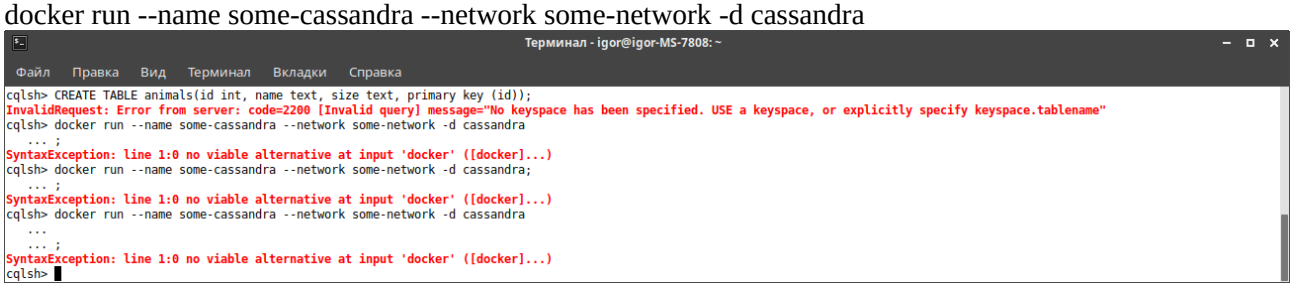
ssh student3_10@37.139.32.56 -D localhost:8080

CREATE KEYSPACE student3_10
  WITH REPLICATION = {
    'class' : 'SimpleStrategy', 'replication_factor' : 1 };

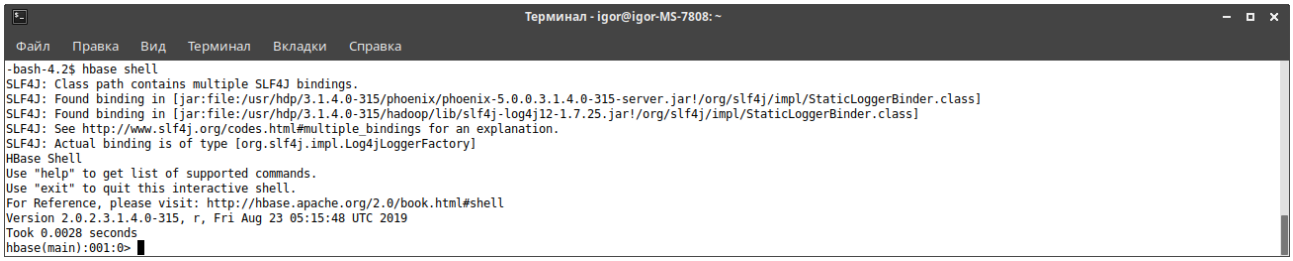


CREATE TABLE animals(id int, name text, size text, primary key (id));

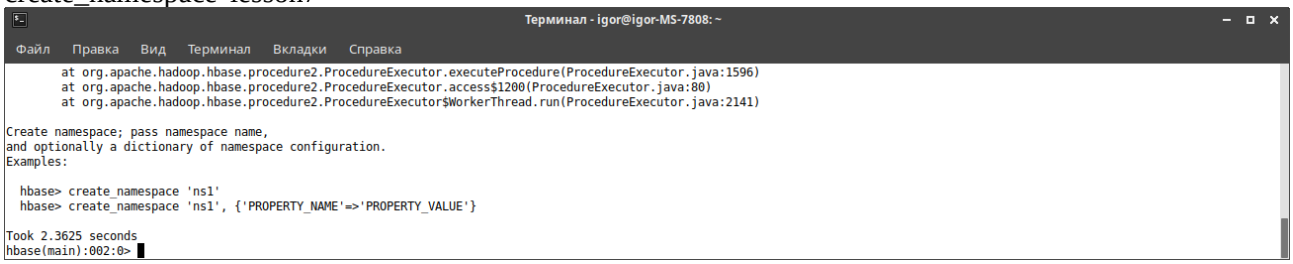
docker run --name some-cassandra --network some-network -d cassandra



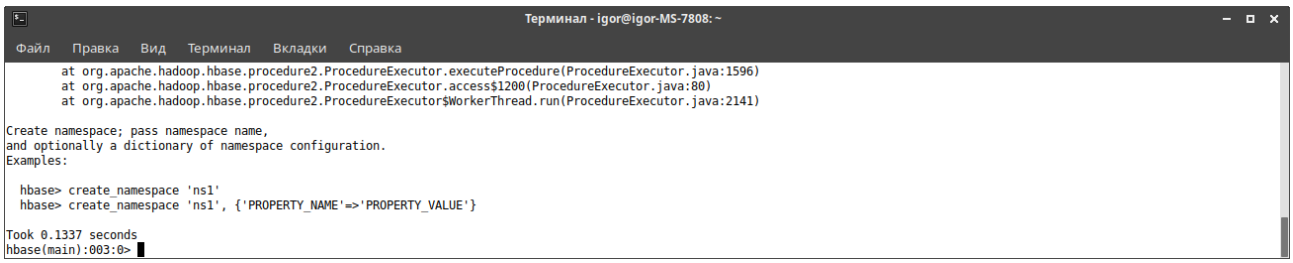
hbase shell



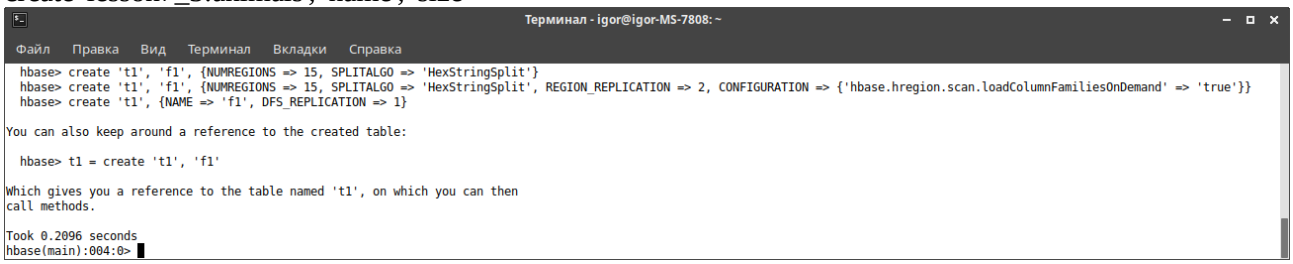
create_namespace 'lesson7'



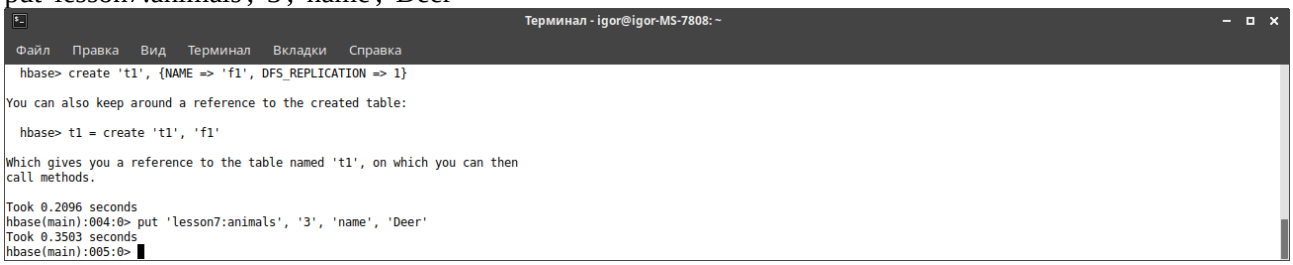
create_namespace 'lesson7_3'



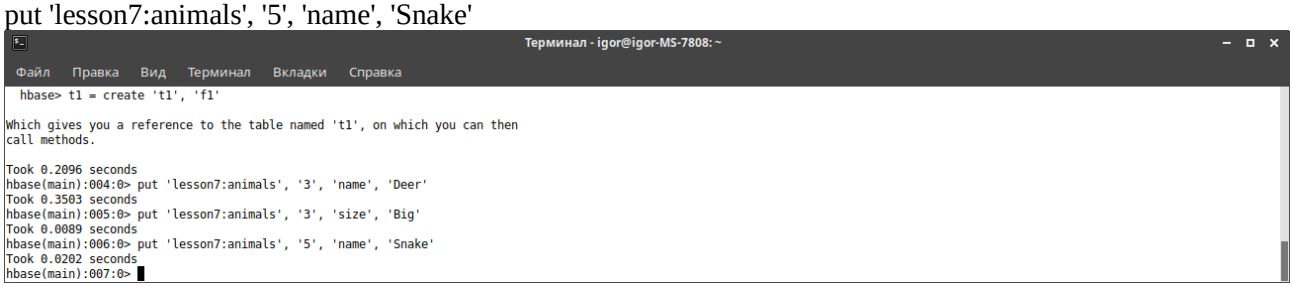
create 'lesson7_3:animals', 'name', 'size'



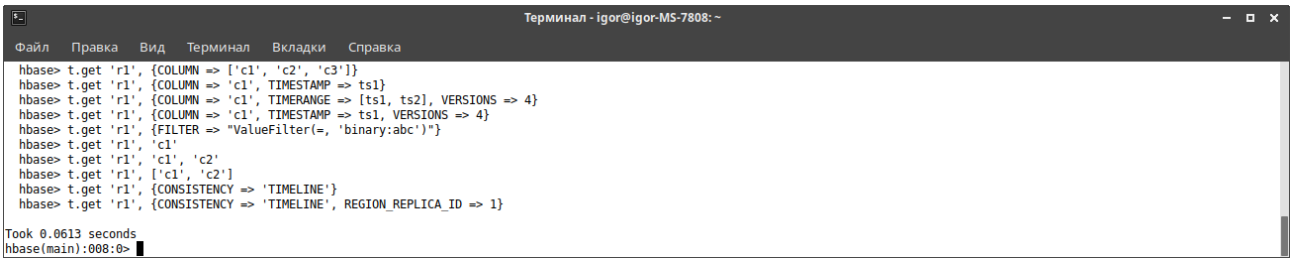
put 'lesson7:animals', '3', 'name', 'Deer'



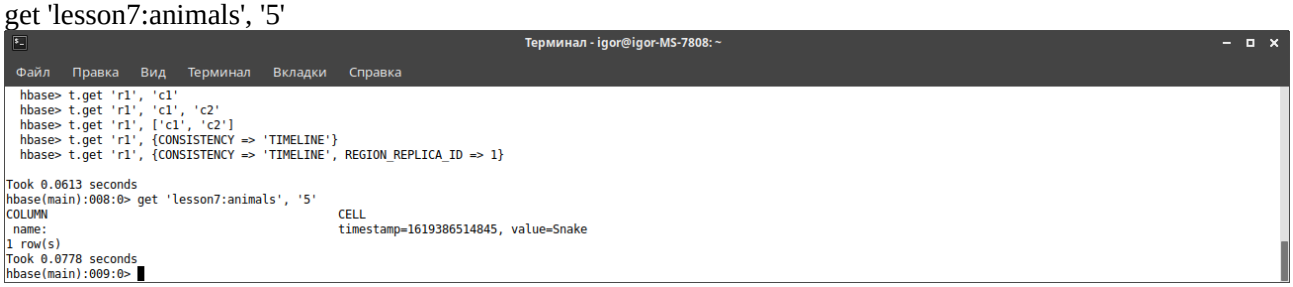
put 'lesson7:animals', '3', 'size', 'Big'
put 'lesson7:animals', '5', 'name', 'Snake'



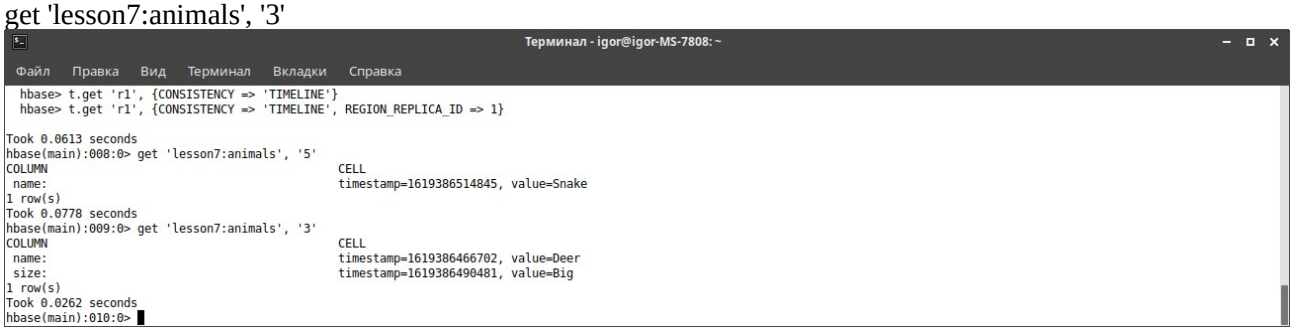
get 'lesson7:animals', '5', 'name', 'Snake'



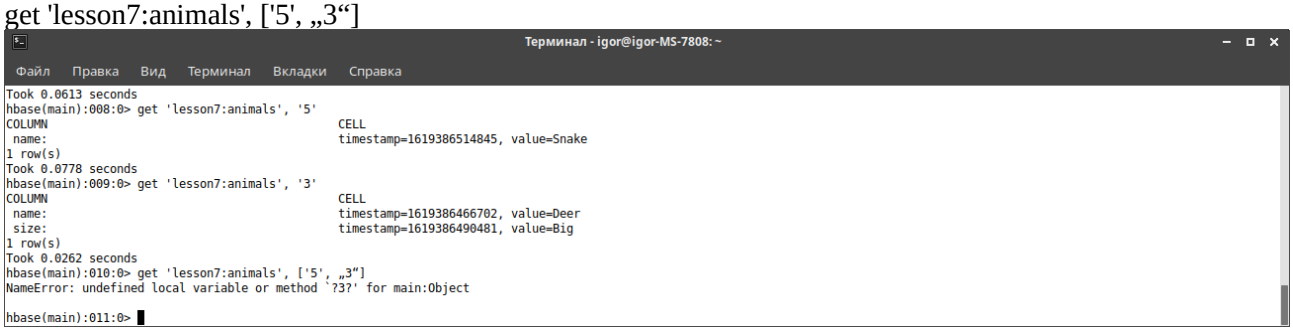
get 'lesson7:animals', '5'



get 'lesson7:animals', '3'

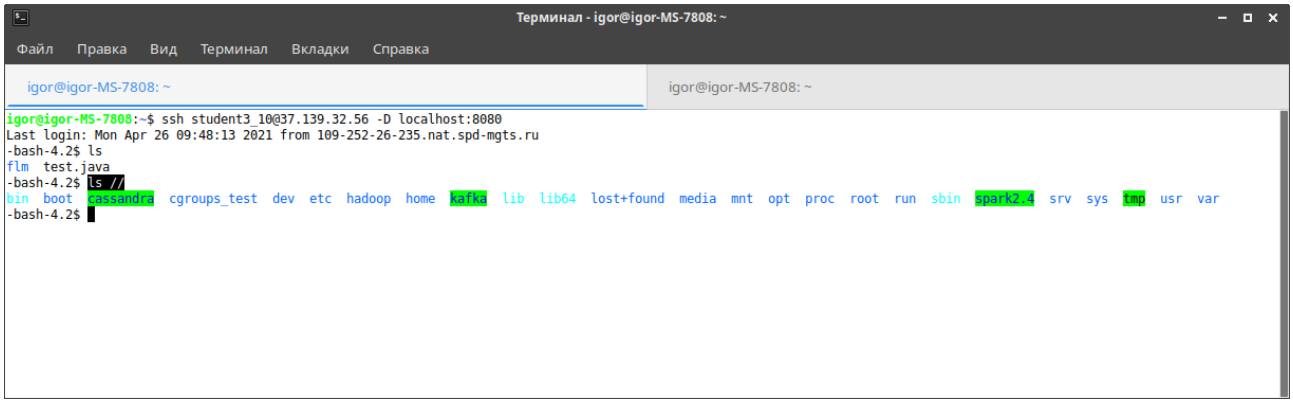


get 'lesson7:animals', ['5', „3“]

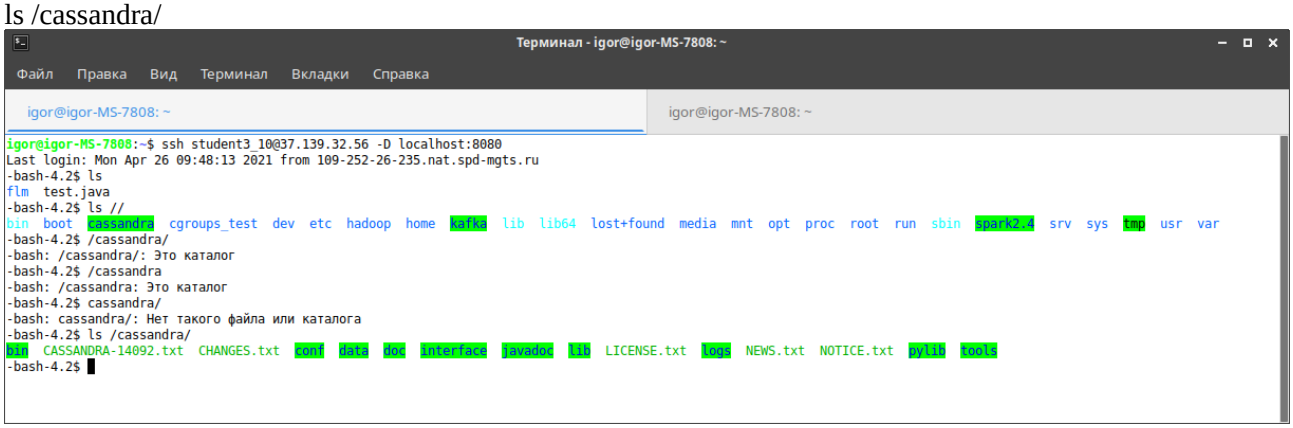


/cassandra/bin/cassandra
put 'lesson7:animals', '3', 'name', 'Doe'
delete 'lesson7:animals', '5'

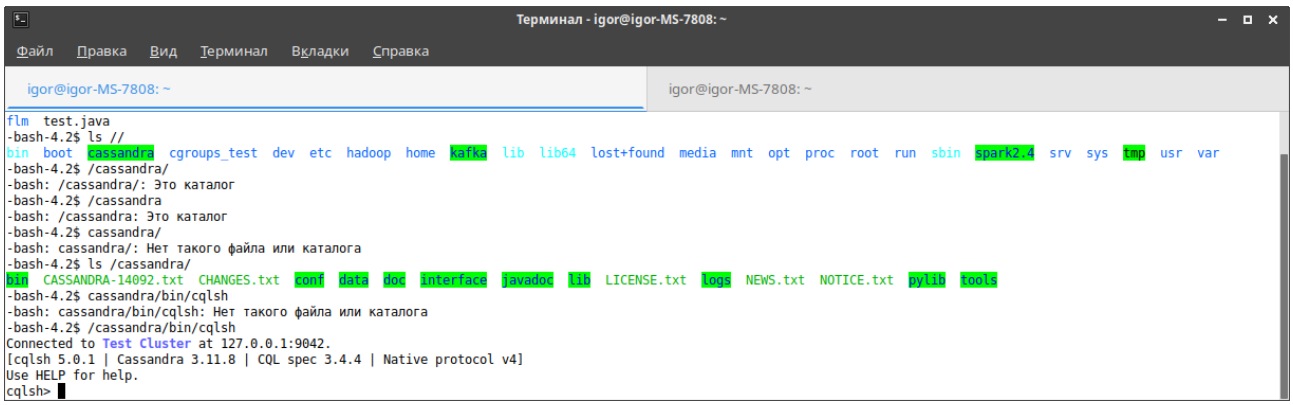
ver.2
ls //



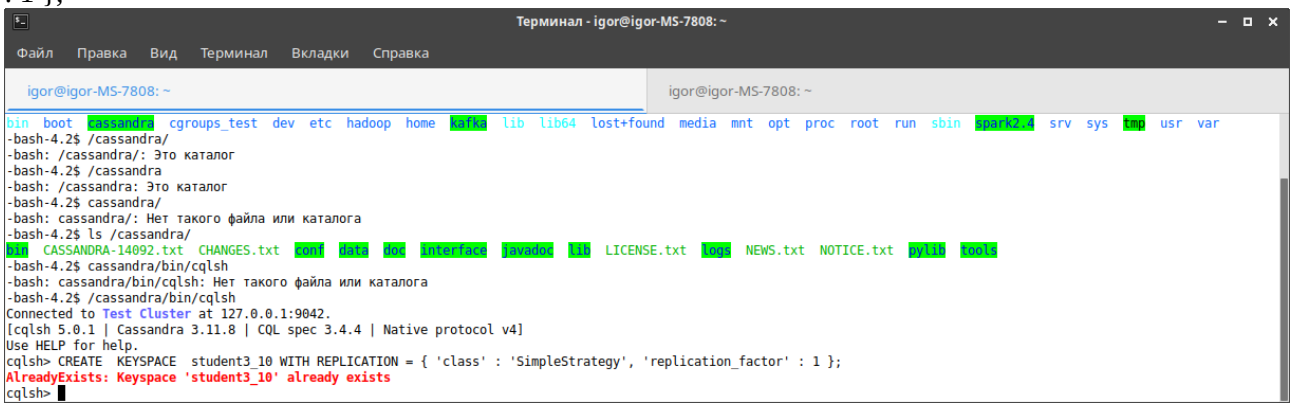
ls /cassandra/



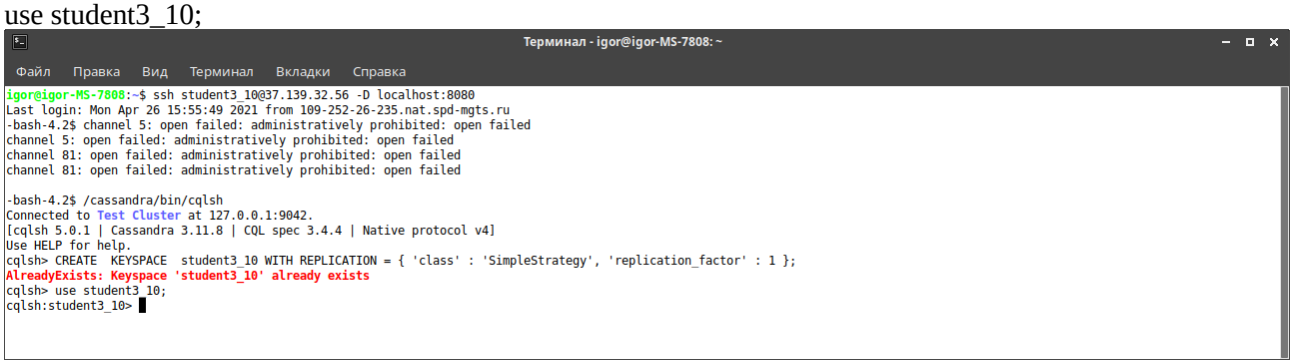
/cassandra/bin/cqlsh



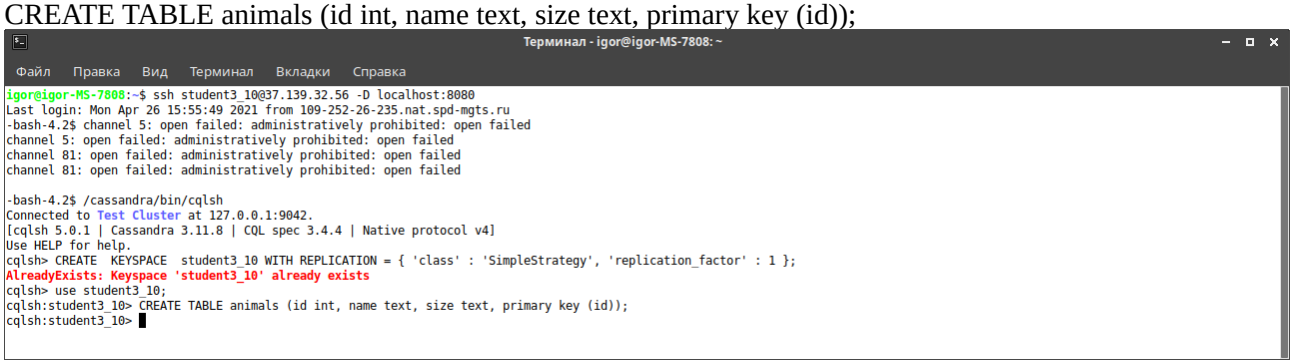
CREATE KEYSPACE student3_10 WITH REPLICATION = { 'class' : 'SimpleStrategy', 'replication_factor' : 1 };



use student3_10;

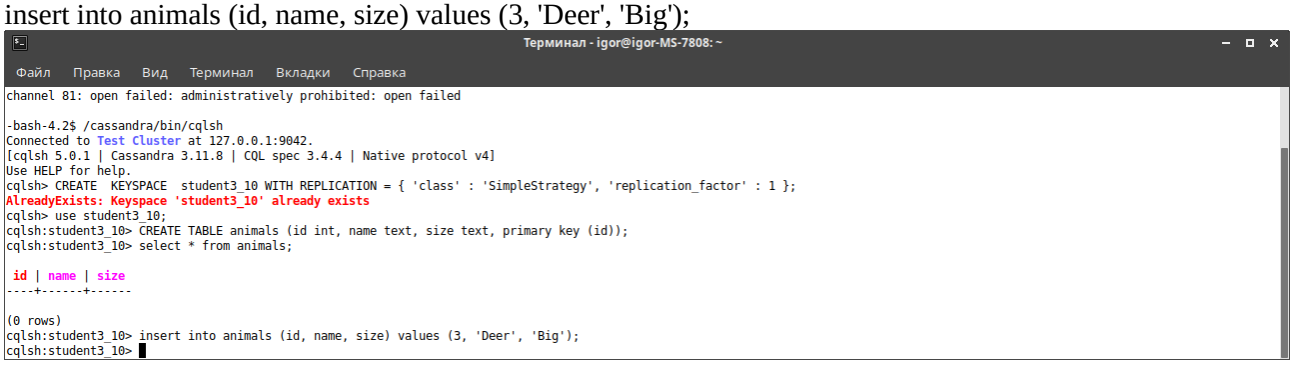


CREATE TABLE animals (id int, name text, size text, primary key (id));

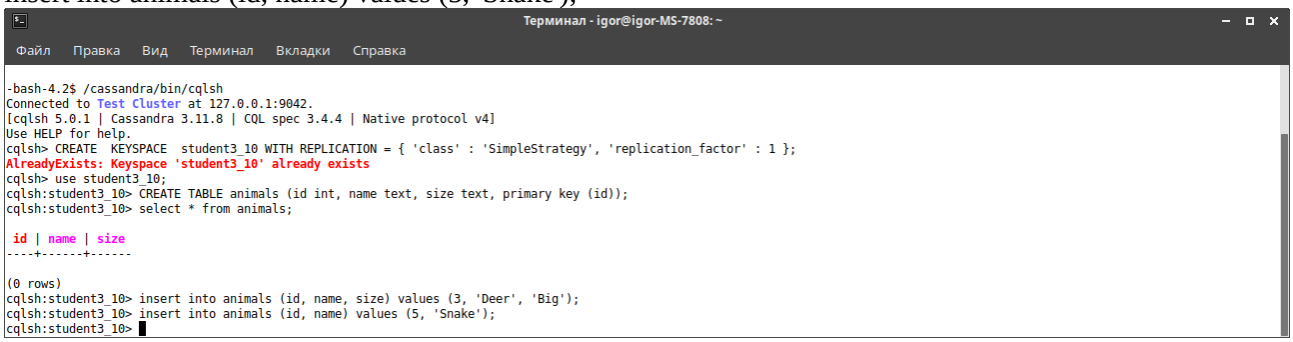


select * from animals;

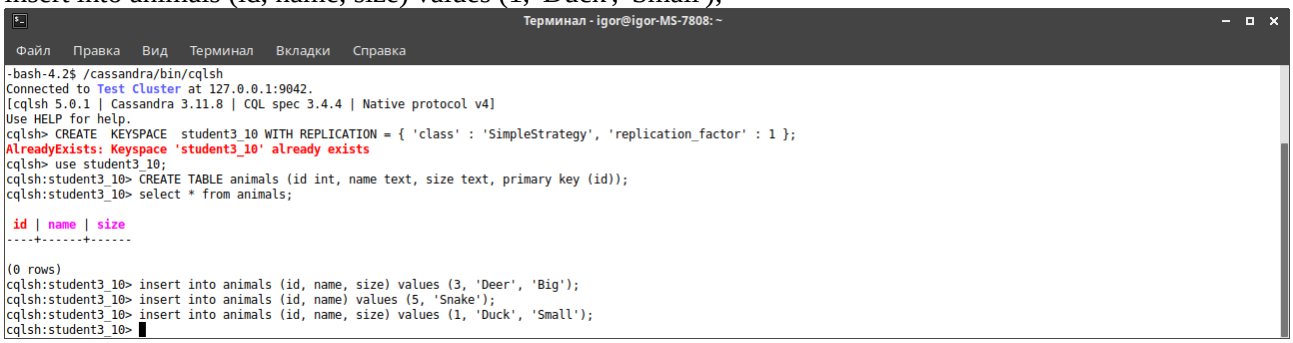
insert into animals (id, name, size) values (3, 'Deer', 'Big');



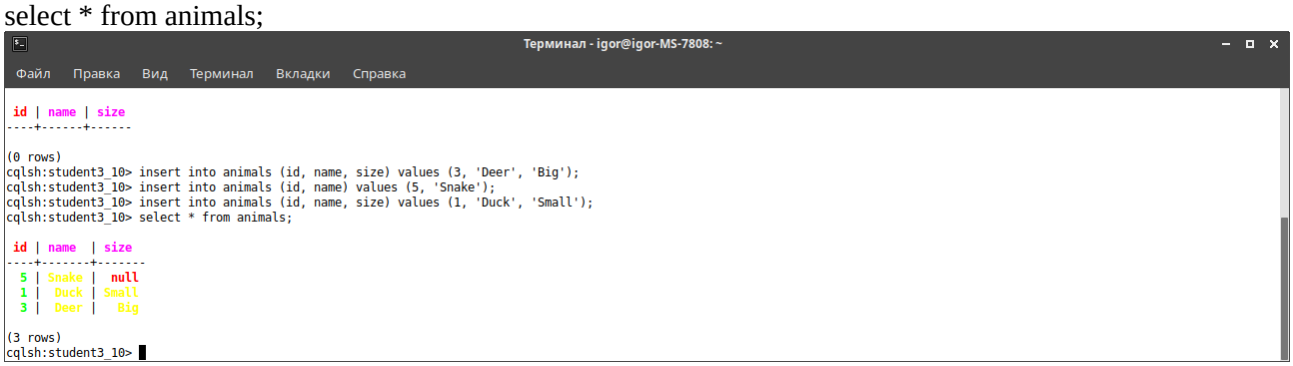
insert into animals (id, name) values (5, 'Snake');



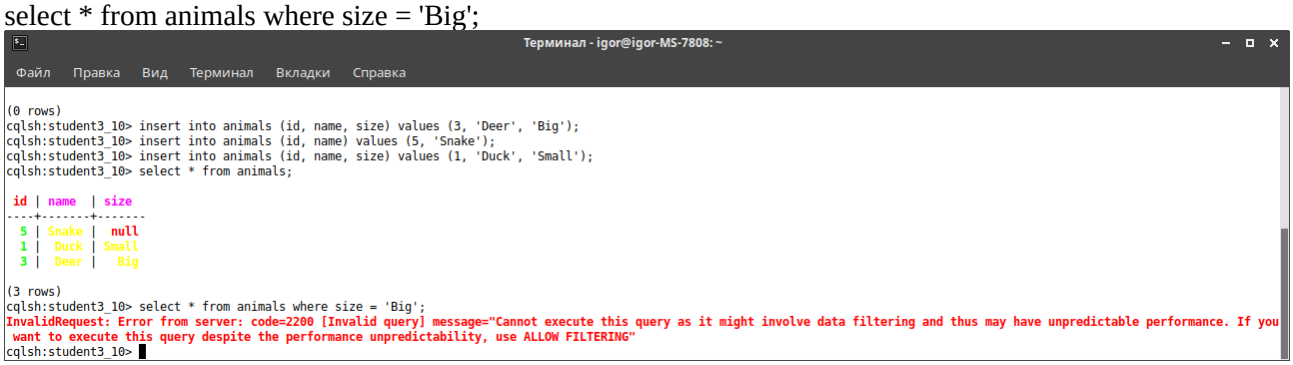
insert into animals (id, name, size) values (1, 'Duck', 'Small');



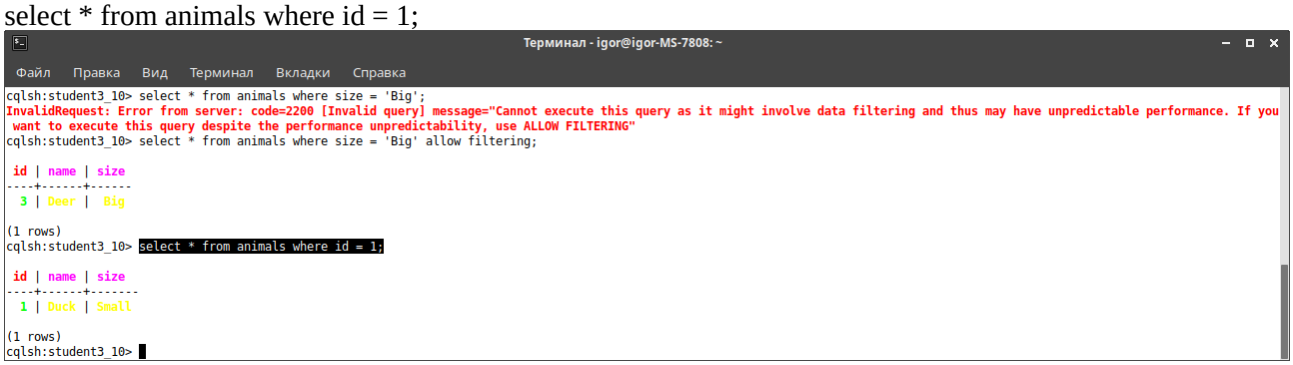
select * from animals;



select * from animals where size = 'Big';

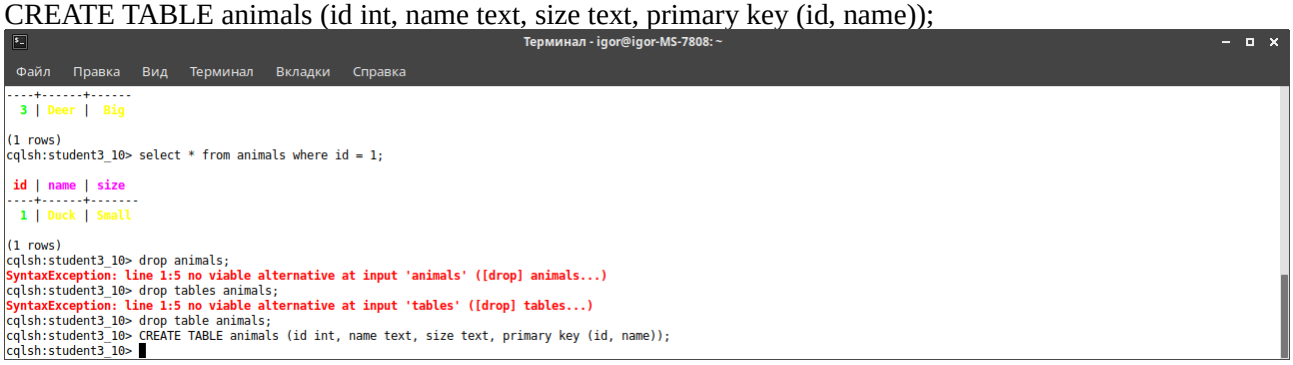


select * from animals where size = 'Big' allow filtering;
select * from animals where id = 1;

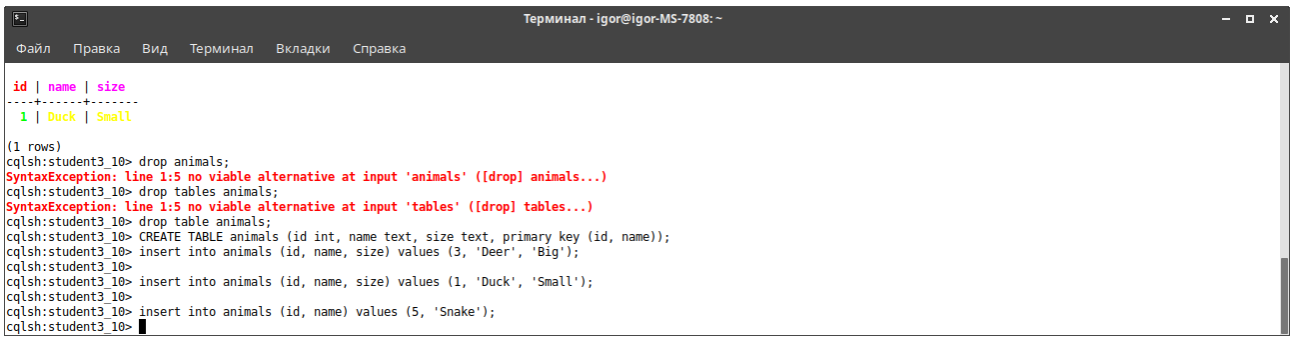


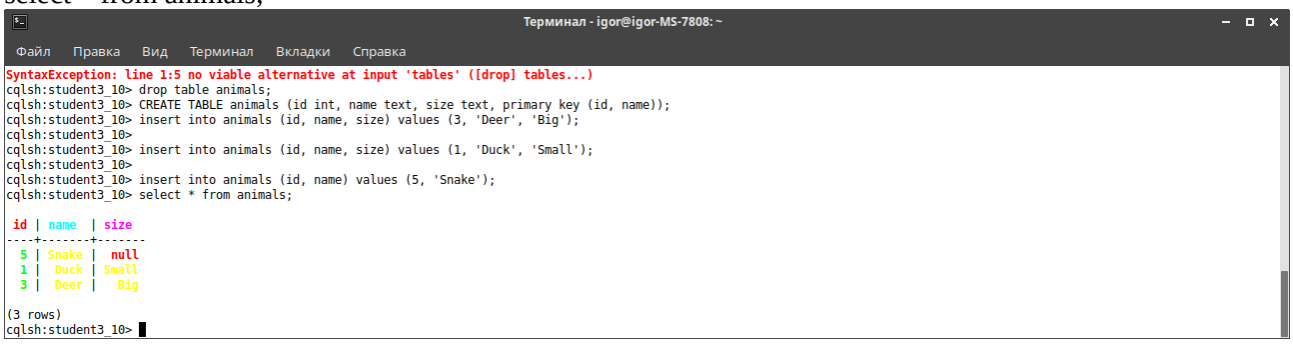
drop table animals;

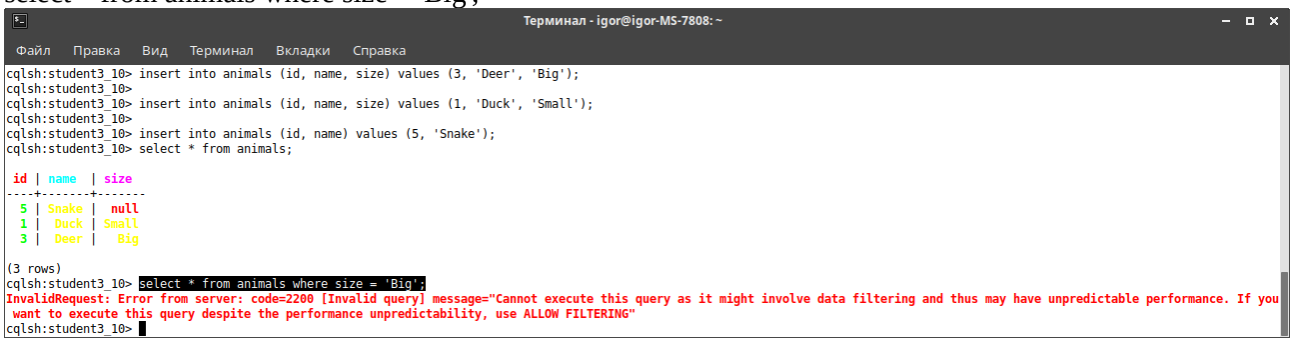
CREATE TABLE animals (id int, name text, size text, primary key (id, name));

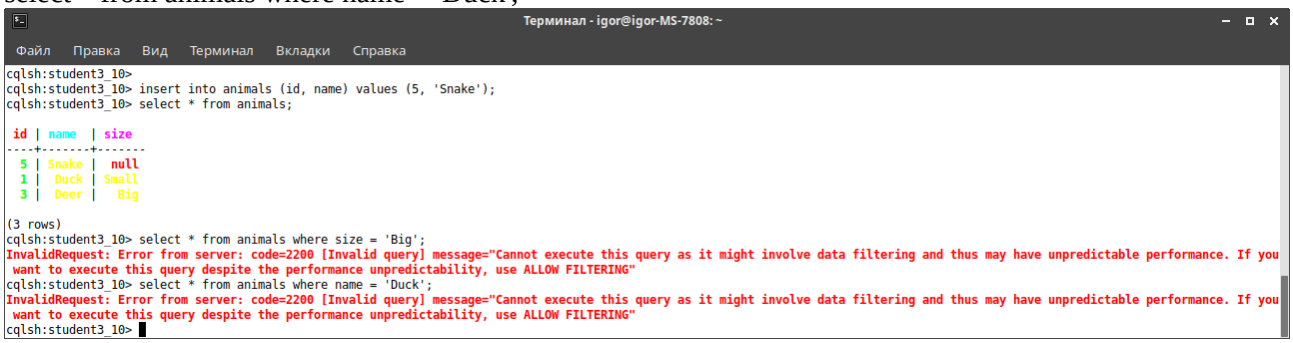


insert into animals (id, name, size) values (3, 'Deer', 'Big');
insert into animals (id, name, size) values (1, 'Duck', 'Small');
insert into animals (id, name) values (5, 'Snake');


Терминал - igor@igor-MS-7808: ~
Файл Правка Вид Терминал Вкладки Справка
id | name | size
----+------+-------
1 | Duck | Small
(1 rows)
cqlsh:student3_10> drop animals;
SyntaxException: line 1:5 no viable alternative at input 'animals' ([drop] animals...)
cqlsh:student3_10> drop tables animals;
SyntaxException: line 1:5 no viable alternative at input 'tables' ([drop] tables...)
cqlsh:student3_10> drop table animals;
cqlsh:student3_10> CREATE TABLE animals (id int, name text, size text, primary key (id, name));
cqlsh:student3_10> insert into animals (id, name, size) values (3, 'Deer', 'Big');
cqlsh:student3_10>
cqlsh:student3_10> insert into animals (id, name, size) values (1, 'Duck', 'Small');
cqlsh:student3_10>
cqlsh:student3_10> insert into animals (id, name) values (5, 'Snake');
cqlsh:student3_10>
select * from animals;

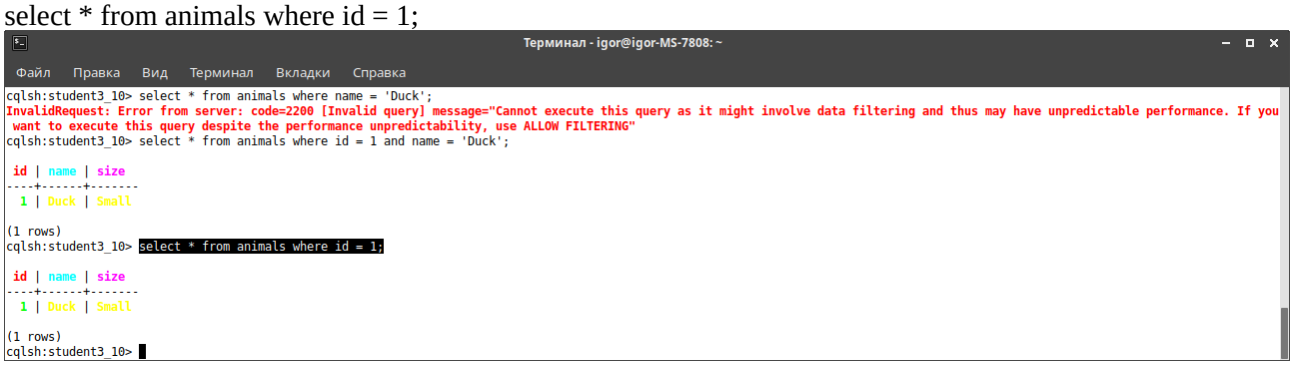

Терминал - igor@igor-MS-7808: ~
Файл Правка Вид Терминал Вкладки Справка
SyntaxException: line 1:5 no viable alternative at input 'tables' ([drop] tables...)
cqlsh:student3_10> drop table animals;
cqlsh:student3_10> CREATE TABLE animals (id int, name text, size text, primary key (id, name));
cqlsh:student3_10> insert into animals (id, name, size) values (3, 'Deer', 'Big');
cqlsh:student3_10>
cqlsh:student3_10> insert into animals (id, name, size) values (1, 'Duck', 'Small');
cqlsh:student3_10>
cqlsh:student3_10> insert into animals (id, name) values (5, 'Snake');
cqlsh:student3_10> select * from animals;
id | name | size
----+-------+-------
5 | Snake | null
1 | Duck | Small
3 | Deer | Big
(3 rows)
cqlsh:student3_10>
select * from animals where size = 'Big';


Терминал - igor@igor-MS-7808: ~
Файл Правка Вид Терминал Вкладки Справка
cqlsh:student3_10> insert into animals (id, name, size) values (3, 'Deer', 'Big');
cqlsh:student3_10>
cqlsh:student3_10> insert into animals (id, name, size) values (1, 'Duck', 'Small');
cqlsh:student3_10>
cqlsh:student3_10> insert into animals (id, name) values (5, 'Snake');
cqlsh:student3_10> select * from animals;
id | name | size
----+-------+-------
5 | Snake | null
1 | Duck | Small
3 | Deer | Big
(3 rows)
cqlsh:student3_10> select * from animals where size = 'Big';
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"
cqlsh:student3_10>
select * from animals where name = 'Duck';

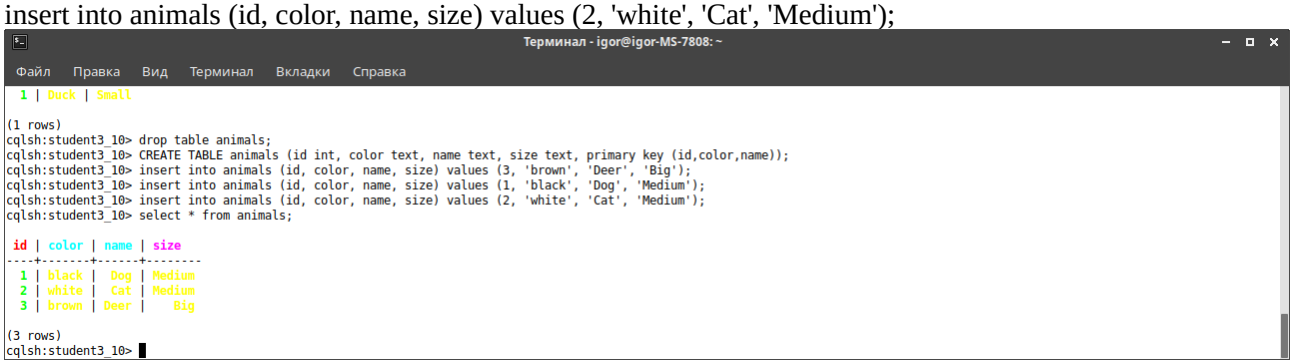

Терминал - igor@igor-MS-7808: ~
Файл Правка Вид Терминал Вкладки Справка
cqlsh:student3_10>
cqlsh:student3_10> insert into animals (id, name) values (5, 'Snake');
cqlsh:student3_10> select * from animals;
id | name | size
----+-------+-------
5 | Snake | null
1 | Duck | Small
3 | Deer | Big
(3 rows)
cqlsh:student3_10> select * from animals where size = 'Big';
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"
cqlsh:student3_10> select * from animals where name = 'Duck';
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"
cqlsh:student3_10>
select * from animals where id = 1 and name = 'Duck';


Терминал - igor@igor-MS-7808: ~
Файл Правка Вид Терминал Вкладки Справка
1 | Duck | Small
3 | Deer | Big
(3 rows)
cqlsh:student3_10> select * from animals where size = 'Big';
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"
cqlsh:student3_10> select * from animals where name = 'Duck';
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"
cqlsh:student3_10> select * from animals where id = 1 and name = 'Duck';
id | name | size
----+------+-------
1 | Duck | Small
(1 rows)
cqlsh:student3_10>

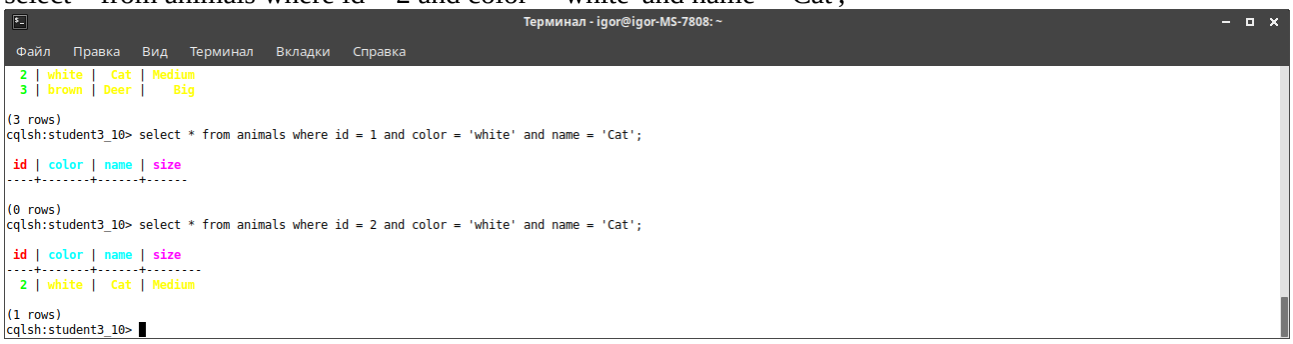
select * from animals where id = 1;



drop table animals;
CREATE TABLE animals (id int, color text, name text, size text, primary key (id,color,name));
insert into animals (id, color, name, size) values (3, 'brown', 'Deer', 'Big');
insert into animals (id, color, name, size) values (1, 'black', 'Dog', 'Medium');
insert into animals (id, color, name, size) values (2, 'white', 'Cat', 'Medium');

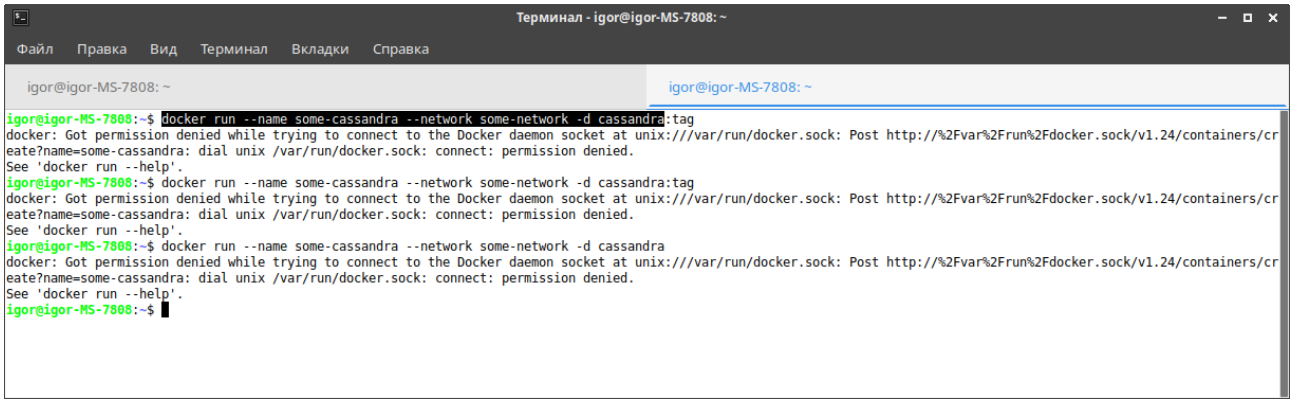


select * from animals where id = 2 and color = 'white' and name = 'Cat';

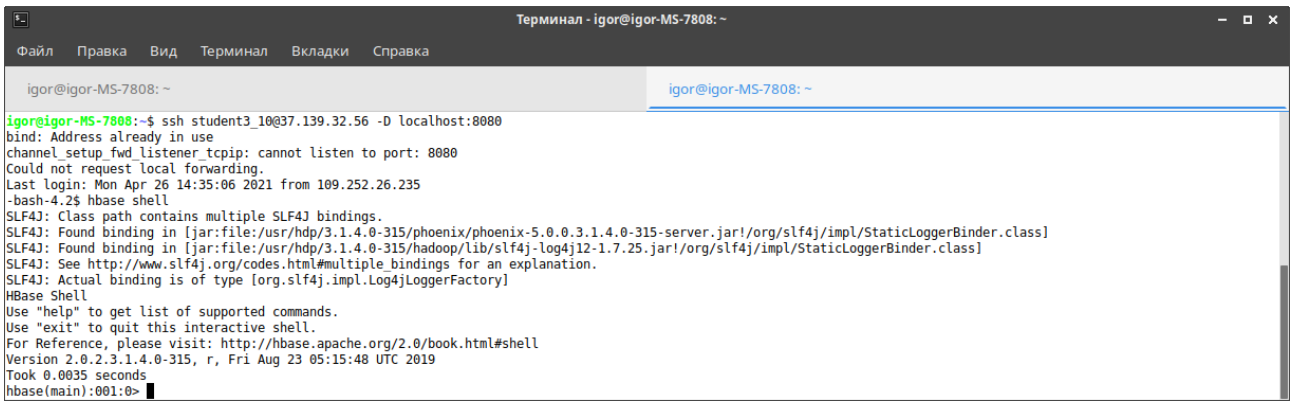


++

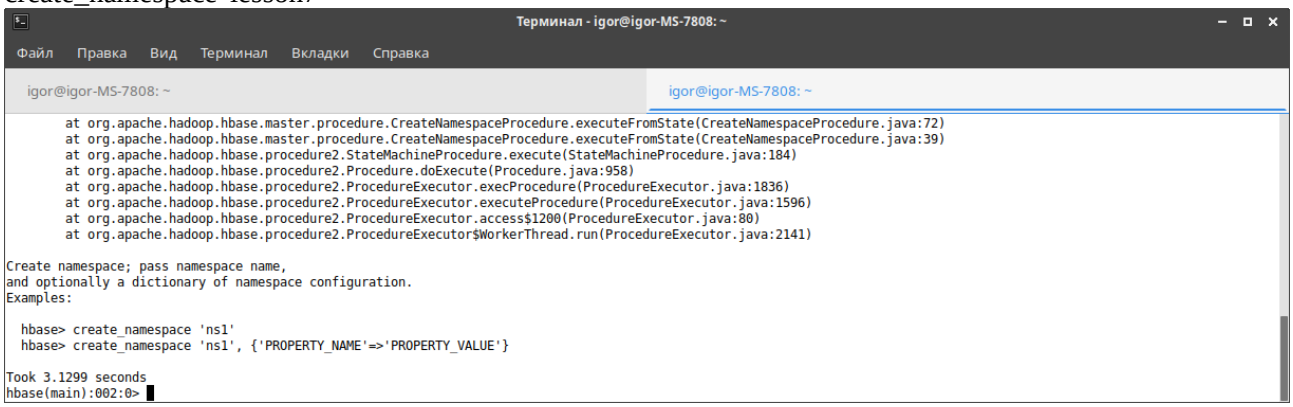
docker run --name some-cassandra --network some-network -d cassandra



hbase shell

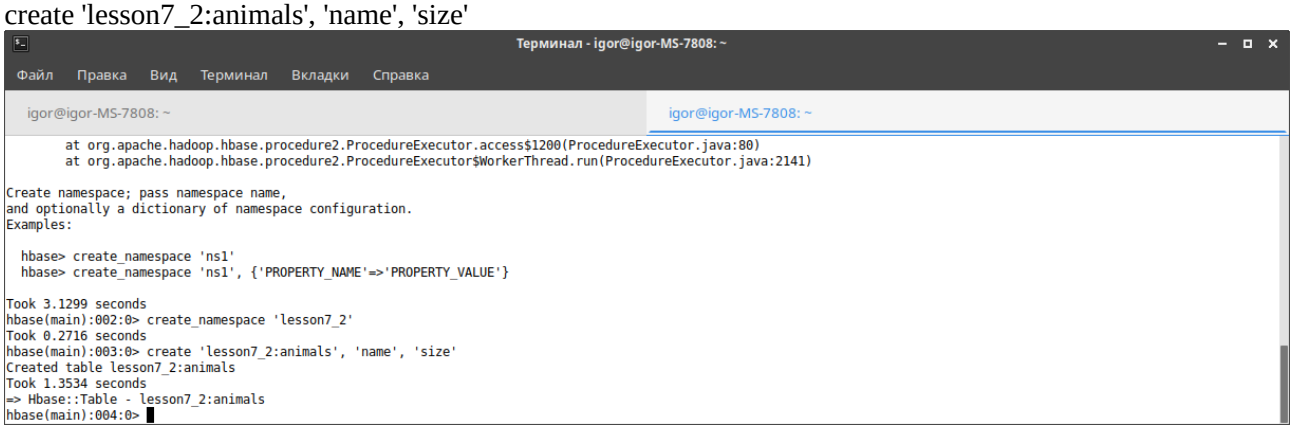


create_namespace 'lesson7'



create_namespace 'lesson7_2'

create 'lesson7_2:animals', 'name', 'size'

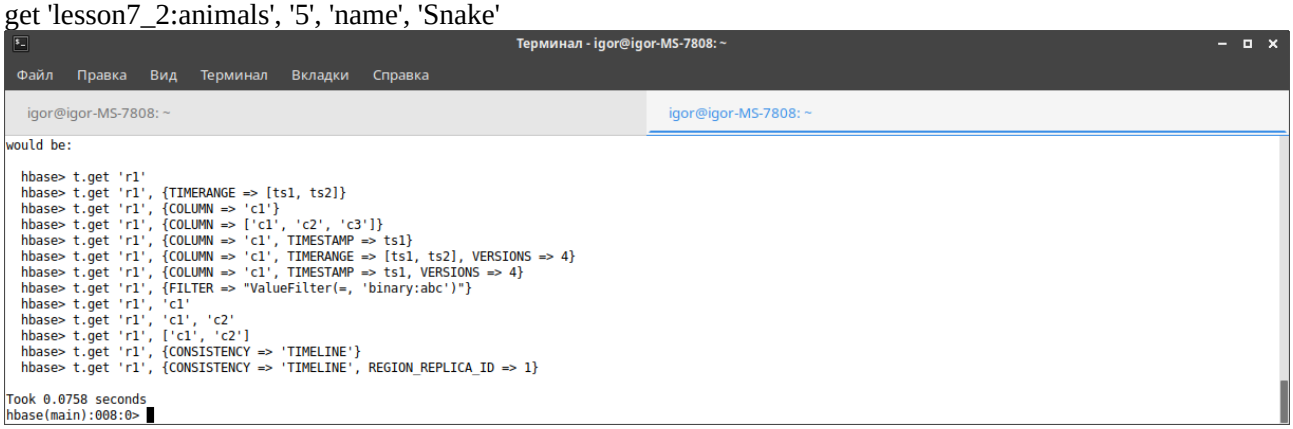


put 'lesson7_2:animals', '3', 'name', 'Deer'

put 'lesson7_2:animals', '3', 'size', 'Big'

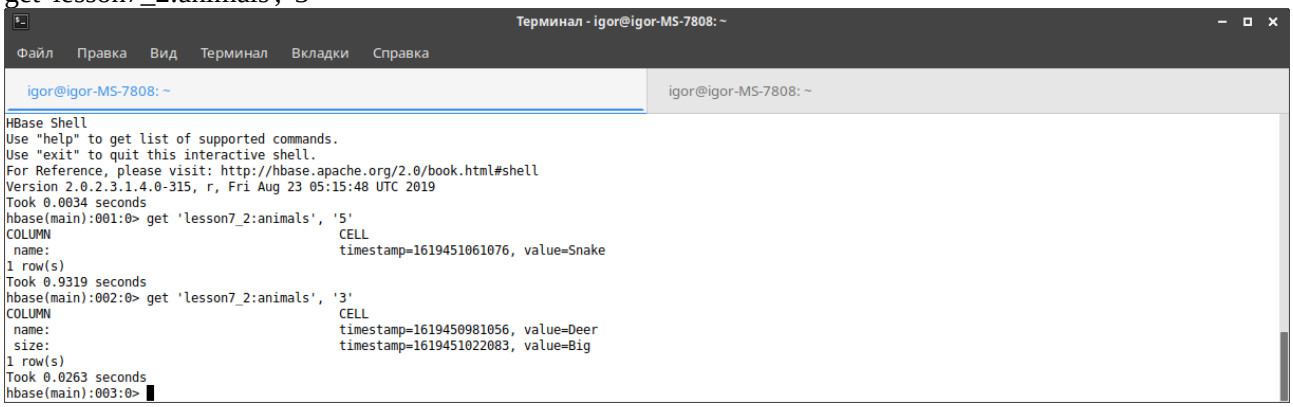
put 'lesson7_2:animals', '5', 'name', 'Snake'

get 'lesson7_2:animals', '5', 'name', 'Snake'

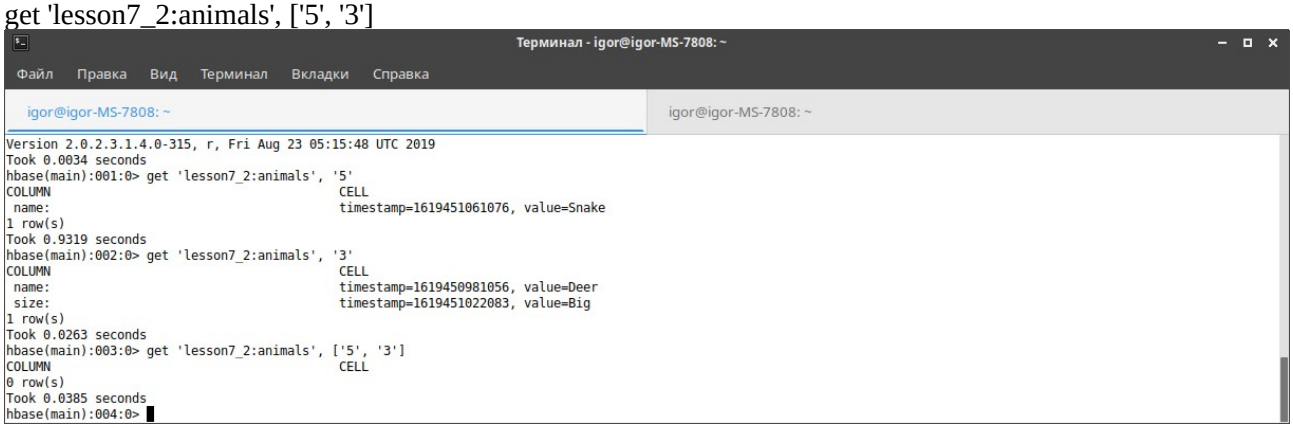


get 'lesson7_2:animals', '5'

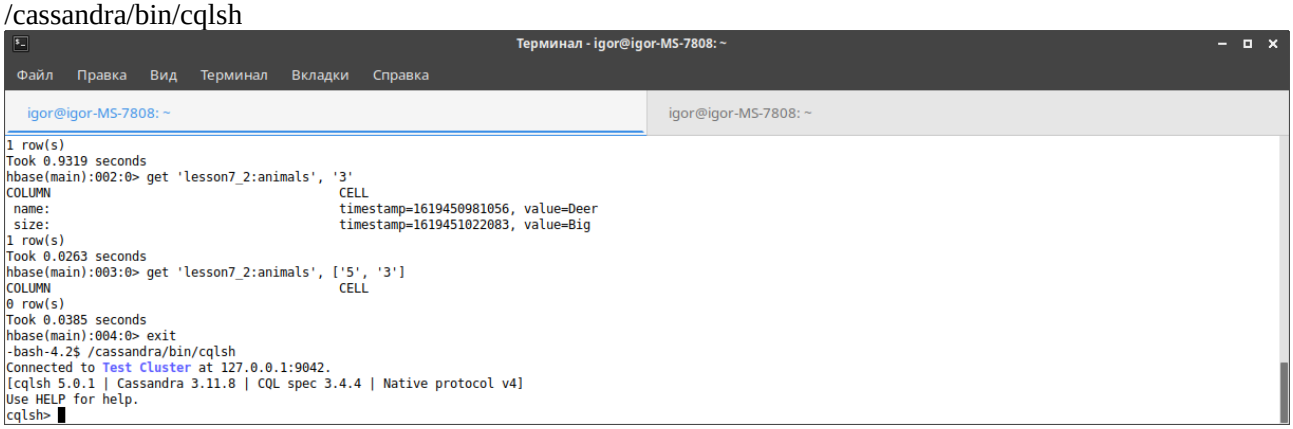
get 'lesson7_2:animals', '3'



get 'lesson7_2:animals', ['5', '3']

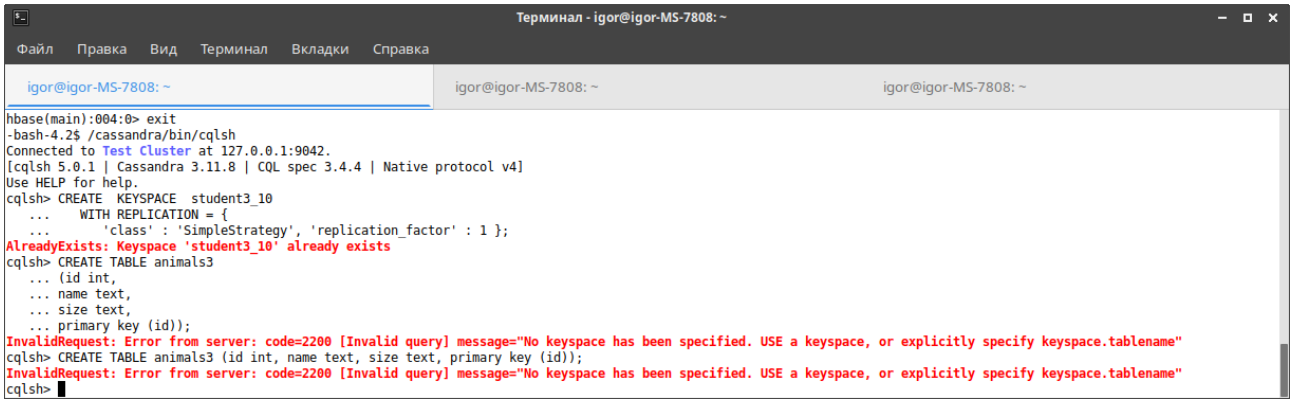


/cassandra/bin/cqlsh




```
CREATE  KEYSPACE  student3_10
  WITH REPLICATION = {
    'class' : 'SimpleStrategy', 'replication_factor' : 1 };
```

CREATE TABLE animals3 (id int, name text, size text, primary key (id));



InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tablename"