Perform the following DB operations using Cassandra.

```
cqlsh> CREATE KEYSPACE Student WITH REPLICATION= {'class':'SimpleStrategy','replication_factor':1};
cqlsh> describe keysapces;
'keysapces' not found in keyspaces
cqlsh> describe keyspaces;

student   system       system_distributed  system_traces  system_virtual_schema
students  system_auth  system_schema       system_views

cqlsh> use students;
cqlsh:students> create table st_info(rollno int primary key,name text,doj timestamp,percent double);
cqlsh:students> describe tables;

library_book  st_info  students_info  userlogin

cqlsh:students> describe table<st_info>;
Improper describe command.
cqlsh:students> describe table st_info;

CREATE TABLE students.st_info (
    rollno int PRIMARY KEY,
    doj timestamp,
    name text,
    percent double
) WITH additional_write_policy = '99p'
    AND bloom_filter_fp_chance = 0.01
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
    AND cdc = false
    AND comment = ''
    AND compaction = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy', 'max_threshold': '32', 'min_thr
eshold': '4'}
    AND compression = {'chunk_length_in_kb': '16', 'class': 'org.apache.cassandra.io.compress.LZ4Compressor'}
    AND memtable = 'default'
    AND crc_check_chance = 1.0
    AND default_time_to_live = 0
    AND extensions = {}
    AND gc_grace_seconds = 864000
    AND max_index_interval = 2048
    AND memtable_flush_period_in_ms = 0
    AND min_index_interval = 128
    AND read_repair = 'BLOCKING'
    AND speculative_retry = '99p';
cqlsh:students> begin batch
           ... insert into st_info(rollno,name,doj,percent)
```

```
cqlsh:students> select * from st_info;

 rollno | doj                             | name    | percent
--------+---------------------------------+---------+---------
      1 | 2010-02-28 18:30:00.000000+0000 |  preeti |      90
      2 | 2010-03-19 18:30:00.000000+0000 | prajwal |      89
      4 | 2010-04-22 18:30:00.000000+0000 | rachana |      90

(3 rows)
cqlsh:students> select * from st_info where rollno in(1,2);

 rollno | doj                             | name    | percent
--------+---------------------------------+---------+---------
      1 | 2010-02-28 18:30:00.000000+0000 |  preeti |      90
      2 | 2010-03-19 18:30:00.000000+0000 | prajwal |      89

(2 rows)
cqlsh:students> select  * from st_info where name="preeti";
SyntaxException: line 1:42 no viable alternative at input ';' (...* from st_info where name=["preet]i";)
cqlsh:students> create index on st_info(name);
cqlsh:students> select  * from st_info where name="preeti";
SyntaxException: line 1:42 no viable alternative at input ';' (...* from st_info where name=["preet]i";)
cqlsh:students> select * from st_info where name='preeti';

 rollno | doj                             | name   | percent
--------+---------------------------------+--------+---------
      1 | 2010-02-28 18:30:00.000000+0000 | preeti |      90

(1 rows)
cqlsh:students> select rollno,name,percent from st_info limit 2;

 rollno | name    | percent
--------+---------+---------
      1 |  preeti |      90
      2 | prajwal |      89

(2 rows)
cqlsh:students> slect rollno as usn from st_info;
SyntaxException: line 1:0 no viable alternative at input 'slect' ([slect]...)
cqlsh:students> select rollno as usn from st_info;

 usn
-----
   1
```

```
 usn
-----
   1
   2
   4

(3 rows)
cqlsh:students> create table library(c_val counter,book_name varchar,stud_name varchar,primary key(book_name,stud_name)
cqlsh:students> update library set c_val=c_val+1 where book_name='BDA' and stud_name='preeti';
cqlsh:students> create table userlogin(id int primary key,pass text);
AlreadyExists: Table 'students.userlogin' already exists
cqlsh:students> create table login(id int primary key,pass text);
cqlsh:students> insert into login(id,pass) values(1,'infy')using ttl 30;
cqlsh:students> select ttl(pass) from login where id=1;

 ttl(pass)
-----------
         3
```