

## Perform the following DB operations using Cassandra.

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hadoop@bmscscse-HP-Elite-Tower-600-G9-Desktop-PC:~$ cqlsh
Connected to Test Cluster at 127.0.0.1:9042
[cqlsh 6.1.0 | Cassandra 4.1.8 | CQL spec 3.4.6 | Native protocol v5]
Use HELP for help.
cqlsh> create keyspace library with replication={'class':'SimpleStrategy','replication_factor':1};
ConfigurationException: Unable to find replication strategy class 'org.apache.cassandra.locator.SimpleStrategy'
cqlsh> create keyspace library with replication={'class':'SimpleStrategy','replication_factor':1};exit
ConfigurationException: Unable to find replication strategy class 'org.apache.cassandra.locator.SimpleStrategy'
hadoop@bmscscse-HP-Elite-Tower-600-G9-Desktop-PC:~$ cqlsh
Connected to Test Cluster at 127.0.0.1:9042
[cqlsh 6.1.0 | Cassandra 4.1.8 | CQL spec 3.4.6 | Native protocol v5]
Use HELP for help.
cqlsh> create keyspace library with replication={'class':'SimpleStrategy','replication_factor':1};exit
hadoop@bmscscse-HP-Elite-Tower-600-G9-Desktop-PC:~$ cqlsh
Connected to Test Cluster at 127.0.0.1:9042
[cqlsh 6.1.0 | Cassandra 4.1.8 | CQL spec 3.4.6 | Native protocol v5]
Use HELP for help.
cqlsh> create keyspace library with replication={'class':'SimpleStrategy','replication_factor':1};
AlreadyExists: Keyspace 'library' already exists
cqlsh> exit
hadoop@bmscscse-HP-Elite-Tower-600-G9-Desktop-PC:~$ cqlsh
Connected to Test Cluster at 127.0.0.1:9042
[cqlsh 6.1.0 | Cassandra 4.1.8 | CQL spec 3.4.6 | Native protocol v5]
Use HELP for help.
cqlsh> create keyspace libraries with replication={'class':'SimpleStrategy','replication_factor':1};
cqlsh> keyspaces
....
cqlsh> describe keyspaces;

libraries  students      system_distributed  system_views
library    system          system_schema       system_virtual_schema
student    system_auth     system_traces

cqlsh> use libraries;
cqlsh:libraries> create table l_info(sid int primary key, c_val counter, sname varchar,bname varchar,bid int,doi timestamp);
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot mix counter and non counter columns in the same table"
cqlsh:libraries> create table l_info(sid int primary key, sname varchar,bname varchar,bid int,doi timestamp);
cqlsh:libraries> create table count(sid int primary key,c_val counter);
cqlsh:libraries> begin batch
... insert into l_info(sid,sname,bname,bid,doi)
... values(112,'alice','bda',1,'2020-03-03')
... insert into l_info(sid,sname,bname,bid,doi)
... values(113,'preeti','cn',2,'2020-03-04')
... apply batch;
cqlsh:libraries> update l_info
```

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cqlsh:libraries> select * from l_info;
```

sid	bid	bname	doi	sname
113	2	cn	2020-03-03 18:30:00.000000+0000	preeti
112	1	bda	2020-03-02 18:30:00.000000+0000	alice

(2 rows)

```
cqlsh:libraries> select * from count;
```

sid	c_val
112	1

(1 rows)

```
cqlsh:libraries> □
```

