

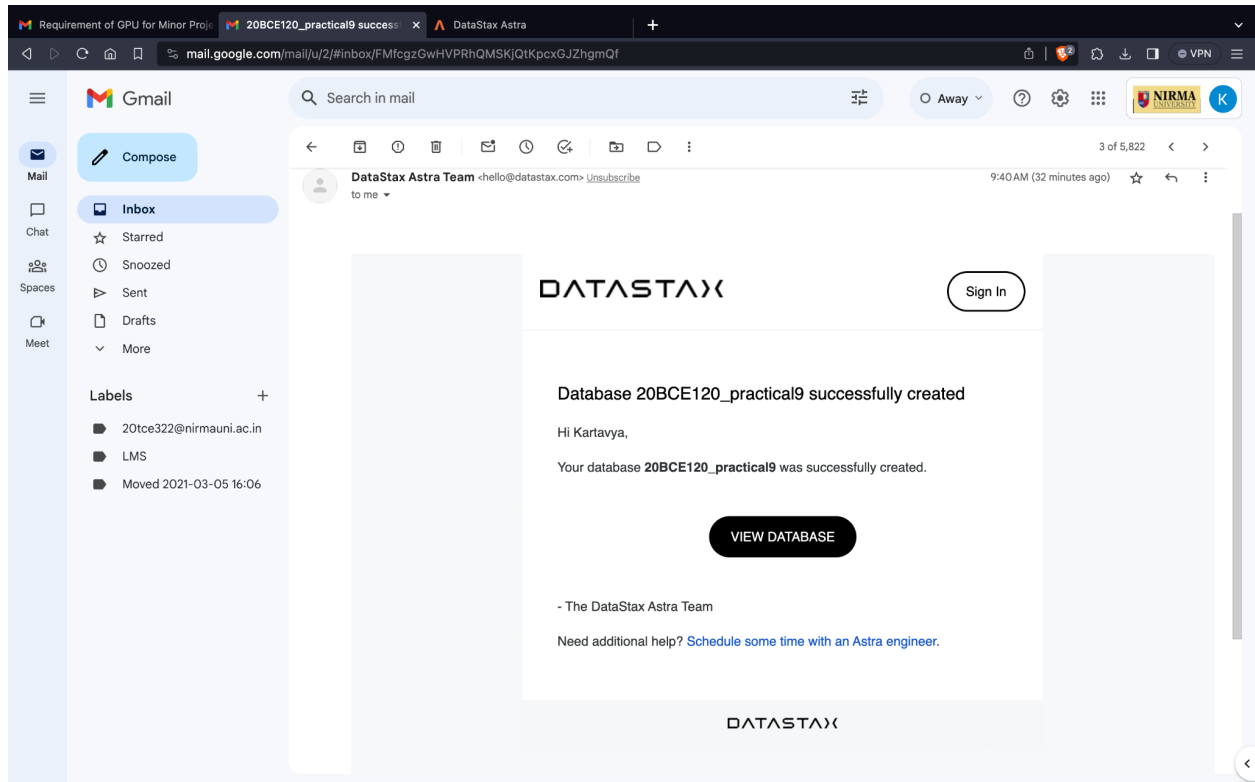
Name : **Kartavya Mandani**

Roll No.: **20BCE120**

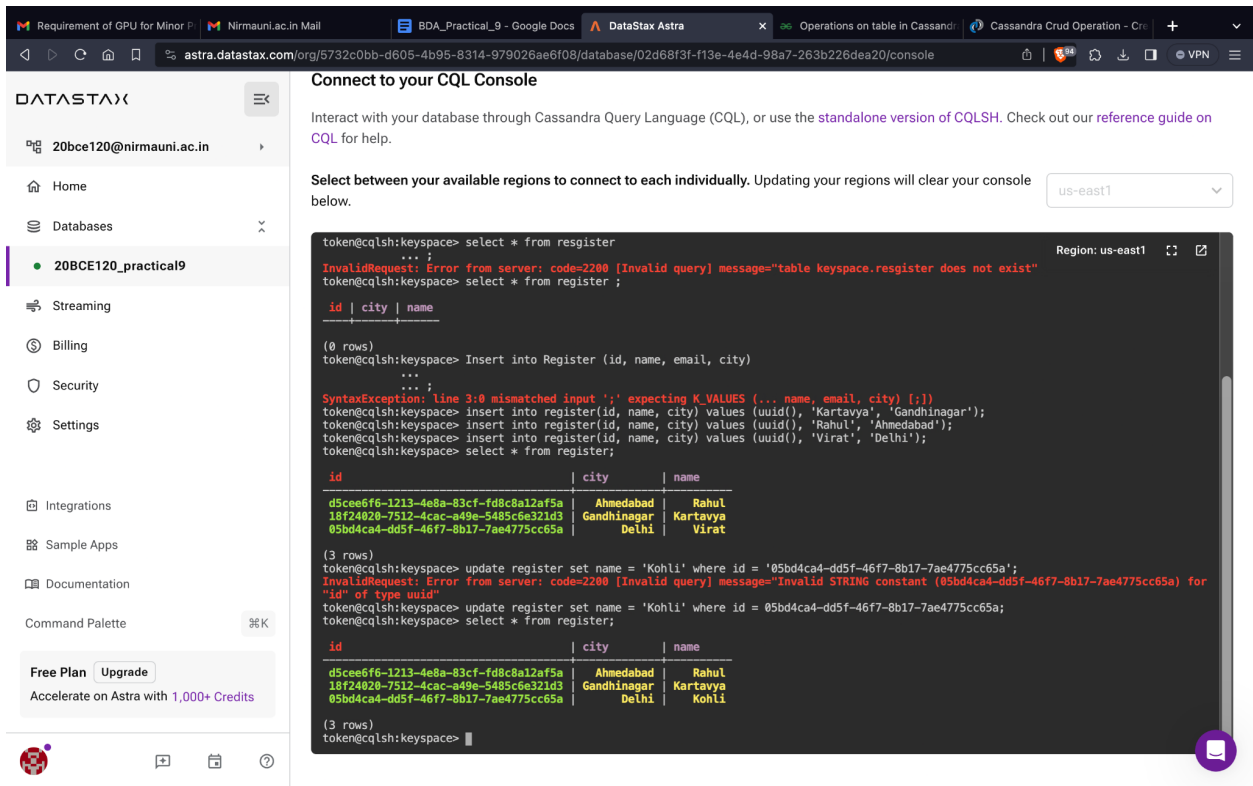
Course: **2CS702 Big Data Analytics**

Practical No.: **9 (Cassandra Installation and CRUD operations)**

> used Datastax online with AWS cloud for Cassandra



# CRUD Operations:



**Connect to your CQL Console**

Interact with your database through Cassandra Query Language (CQL), or use the [standalone version of CQLSH](#). Check out our [reference guide on CQL](#) for help.

Select between your available regions to connect to each individually. Updating your regions will clear your console below.

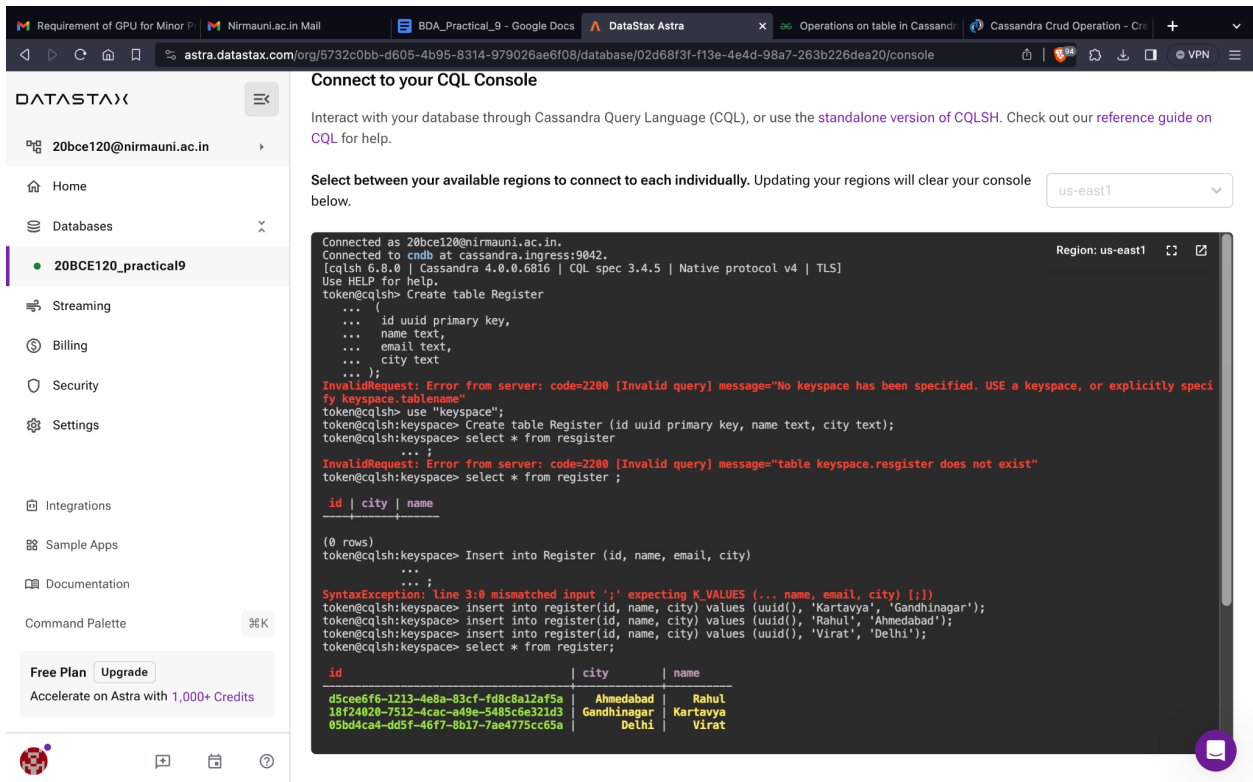
Region: us-east1

```
token@cqlsh:keyspace> select * from register
...
InvalidRequest: Error from server: code=2200 [Invalid query] message="table keyspace.register does not exist"
token@cqlsh:keyspace> select * from register ;

id | city | name
---+---+---
(0 rows)
token@cqlsh:keyspace> Insert into Register (id, name, email, city)
...
SyntaxException: line 3:0 mismatched input ';' expecting K_VALUES (... name, email, city) [:])
token@cqlsh:keyspace> insert into register(id, name, city) values (uuid(), 'Kartavya', 'Gandhinagar');
token@cqlsh:keyspace> insert into register(id, name, city) values (uuid(), 'Rahul', 'Ahmedabad');
token@cqlsh:keyspace> insert into register(id, name, city) values (uuid(), 'Virat', 'Delhi');
token@cqlsh:keyspace> select * from register;

id | city | name
---+---+---
d5cee6f6-1213-4e8a-83cf-fd8c8a12af5a | Ahmedabad | Rahul
18f24020-7512-4cac-a49e-5485c6e321d3 | Gandhinagar | Kartavya
05bd4ca4-dd5f-46f7-8b17-7ae4775cc65a | Delhi | Virat
(3 rows)
token@cqlsh:keyspace> update register set name = 'Kohli' where id = '05bd4ca4-dd5f-46f7-8b17-7ae4775cc65a';
InvalidRequest: Error from server: code=2200 [Invalid query] message="Invalid STRING constant (05bd4ca4-dd5f-46f7-8b17-7ae4775cc65a) for "id" of type uuid"
token@cqlsh:keyspace> update register set name = 'Kohli' where id = 05bd4ca4-dd5f-46f7-8b17-7ae4775cc65a;
token@cqlsh:keyspace> select * from register;

id | city | name
---+---+---
d5cee6f6-1213-4e8a-83cf-fd8c8a12af5a | Ahmedabad | Rahul
18f24020-7512-4cac-a49e-5485c6e321d3 | Gandhinagar | Kartavya
05bd4ca4-dd5f-46f7-8b17-7ae4775cc65a | Delhi | Kohli
(3 rows)
token@cqlsh:keyspace>
```



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Region: us-east1

```
Connected to 20bce120@nirmauni.ac.in.
Connected to cndb at cassandra.ingress:9042.
[cqlsh 6.8.0 | Cassandra 4.0.0.6816 | CQL spec 3.4.5 | Native protocol v4 | TLS]
Use HELP for help.
token@cqlsh> Create table Register
...
... id uuid primary key,
... name text,
... email text,
... city text
... ;
InvalidRequest: Error from server: code=2200 [Invalid query] message="No keyspace has been specified. USE a keyspace, or explicitly specify keyspace.tableName"
token@cqlsh> use "keyspace";
token@cqlsh:keyspace> Create table Register (id uuid primary key, name text, city text);
token@cqlsh:keyspace> select * from register
...
InvalidRequest: Error from server: code=2200 [Invalid query] message="table keyspace.register does not exist"
token@cqlsh:keyspace> select * from register ;

id | city | name
---+---+---
(0 rows)
token@cqlsh:keyspace> Insert into Register (id, name, email, city)
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SyntaxException: line 3:0 mismatched input ';' expecting K_VALUES (... name, email, city) [:])
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18f24020-7512-4cac-a49e-5485c6e321d3 | Gandhinagar | Kartavya
05bd4ca4-dd5f-46f7-8b17-7ae4775cc65a | Delhi | Virat
```

THE END

:)