

## **Practical 9**

Setup Cassandra environment in your system and perform CRUD operation.

**Prepared By** 

18BCE151 - Parth Kapadia

## **Install Apache Cassandra**

## **Commands to Run**

- help
- CAPTURE
- USE
- Create keyspace
- Create Table
- INSERT
- UPDATE
- DELETE

```
prac9 > 😑 cassandra.txt
      ## help
      ## CAPTURE
      CAPTURE '/home/parth/parth/practicals/BDA/prac9/cassandra_output.txt'
      capture off;
      ## Describe
      describe keyspaces;
      ## Create Keyspace
      CREATE KEYSPACE bda9
      WITH replication = {'class':'SimpleStrategy', 'replication factor' : 3};
      USE bda9;
      ## Create Table
        emp id int PRIMARY KEY,
       emp_name text,
emp_city text,
emp_sal varint,
emp_phone varint
      ## Insert
        emp phone, emp sal) VALUES(1, 'ram', 'Hyderabad', 9848022338, 50000);
```

```
## Find all

SELECT * from emp;

## Delete

## Delete

DELETE emp_sal FROM emp WHERE emp_id=1;

DELETE FROM emp WHERE emp_id=1;
```

## Output

```
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```

```
### WITH replication = ('class':'SimpleStrategy', 'replication_factor': 3);

calish: USE bda9

calish:
```

```
CRAIT TABLE bids emp (
emp id in PRIMBRY KEY,
emp_city text,
emp_name text
emp_name tex
```

```
prac9 > 

cassandra_output.txt
         emp_id | emp_city | emp_name | emp_phone | emp_sal
               1 | Hyderabad | ram | 9848022338 | 50000
2 | Hyderabad | robin | 9848022339 | 40000
         emp_id | emp_city | emp_name | emp_phone | emp_sal
             1 | Hyderabad | ram | 9848022338 | 50000
2 | Hyderabad | robin | 9848022339 | 40000
        (2 rows)
         1 | Hyderabad | ram | 9848022338 | 50000
2 | Hyderabad | robin | 9848022339 | 40000
         1 | Hyderabad | ram | 9848022338 | 50000
2 | Delhi | robin | 9848022339 | 50000
         emp_name | emp_sal
         ram | 50000
robin | 50000
         1 | Hyderabad | ram | 9848022338 | 50000
2 | Delhi | robin | 9848022339 | 50000
         emp_id | emp_city | emp_name | emp_phone | emp_sal
         1 | Hyderabad | ram | 9848022338 | 50000
2 | Delhi | robin | 9848022339 | 50000
```