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Course : MCS NoSQL (LAB 06)

## Cassandra INDEX Operations:

### Create Index:

#### Syntax:

```
CREATE INDEX <identifier> ON <tablename>
```

```
Terminal +
cqlsh:crs> Select * from members;

id | age | name      | occupation
---+---+-----+-----
5  | 24  | Rahul     | Student
1  | 18  | Raj       | Student
2  | 22  | Hareesma  | Doctor
4  | 24  | Deepak    | Student

(4 rows)
cqlsh:crs> Select * from members where occupation='Student';
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:crs> CREATE INDEX occup ON members(occupation);
cqlsh:crs> Select * from members where occupation='Student';

id | age | name      | occupation
---+---+-----+-----
5  | 24  | Rahul     | Student
1  | 18  | Raj       | Student
4  | 24  | Deepak    | Student

(3 rows)
cqlsh:crs>
```

## Drop Index:

### Syntax:

**DROP INDEX** <identifier>

Or

**Drop index** IF EXISTS KeyspaceName.IndexName

Terminal



```
cqlsh:crs> Drop index IF EXISTS occup;  
cqlsh:crs> Select * from members where occupation='Student';  
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:crs> 
```