

Employee Keyspace

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18M17CS018

```
CREATE KEYSPACE Employee WITH replication =  
{ "class": "SimpleStrategy", "replication factor": 3 };
```

```
CREATE COLUMNFAMILY employee_info (emp-id, INT PRIMARY  
KEY, emp-name VARCHAR, designation VARCHAR, doj VARCHAR,  
dept-name VARCHAR, salary INT);
```

BEGIN BATCH

```
INSERT INTO employee_info (emp-id, dept-name, designation,  
doj, emp-name, salary) VALUES (120, 'Development', 'CFO',  
'10/11/2015', 'Ayush', 2000000);
```

APPLY BATCH;

```
UPDATE employee_info SET emp-name = "Akash",  
dept-name = "IT" WHERE emp-id = 121;
```

```
ALTER TABLE employee_info ADD project VARCHAR;
```

```
UPDATE employee_info SET project = 'TIP' WHERE emp-id = 121
```

```
INSERT INTO Employee_info (emp-id, dept-name, designation,  
doj, emp-name, project, salary) VALUES (124, 'PR', 'SM', '8/3/20',  
'LBS', 'Adm', 20000) USING TTL 60;
```

```
SELECT TTL (designation) FROM employee_info WHERE  
emp-id = 124;
```

Library

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```
CREATE COLUMNFAMILY library_info (stud-id, INT,  
counter-value counter, stud-name VARCHAR, book-name  
VARCHAR, book-id INT, doj VARCHAR);
```

```
UPDATE library_info SET counter-value = counter-value  
WHERE stud-id = cdd43 b664-4119-91b8 and stud-name  
= 'Ayush' and book-name = 'Mudry Boys' and book-id  
= 1 and doj = '1/2/2020';
```

```
SELECT * FROM library_info WHERE counter-value  
= 2 ALLOW FILTERING;
```

CAPTURE

```
CAPTURE "C:\Users\ayush\OneDrive\Desktop\college\7" IN  
BDA | BDA Lab | user.csv;
```

```
SELECT * FROM library_info;
```