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a)

Create keyspace employe WITH replication = {'class': 'simplestrategy',
replication-factor'}.

Create COLUMNFAMILY employee_info (emp_id INT, PRIMARY KEY,
emp-name VACHAR, designate, VARCHAR, doj VACHAR,
dept_name VARCHAR, salary INT);

Begin Batch

   INSERT 'INTO' employee_info (emp_id, dept_name,
designation, doj, emp_name, Salary) values (100,
'Development', 'CTO', '18/10/2020' 'Uday', 2000000);

APPLY BATCH

Select * from employee_info;

ALTER Table employe_info ADD Project VARCHAR;

Manager, '2/6/19' 'abhi' voice recognition', 20000)

Using TTL 15;

   Select TTL (designation) FROM employee_info where

emp_id = 124;

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b)

Create Keyspace library with replication = { 'class' : 'simpl Strategy', 'replication-factor' : 3 };

Creat columnfamily library-info (stud-id, user-id, counter-value counter, stud-name VARCHAR, node-name VARCHAR, book-id INT, POI VARCHAR, PRIMARY KEY (stud-id, stud-name, book-nm, book-id, doi));

UPDATE library-info set counter value = counter-val + 1, where stud-id = uid() and stud-name = 'stds' & booknm 'ABC' & Booknm = 'ABC' and book-id = 1 & doi = '03/02/2020';

delet * from library-info;

COPY library-info (stud-id, counter-value, stud-name, book-name, doi) TO 'c:\uu) 20.csv'

WITH HEADER_TEX;

Delet * from library-info select counter-value = 2
ALLOW FILTERING;