5/11/2009

(1).

i] create Keyspace Employee

create Keyspace Employee with replication = {
        'class' : 'SimpleStrategy', 'replication_factor':1};

ii] create column family Employee-info

create table Employee. employee_info (emp_id int
PRIMARY KEY, emp_name text, designation text,
date_of_joining timestamp, salary double, dept_name text)

iii] Insertion

begin batch
insert into employee_info
(emp_id, emp_name, designation, date_of_joining,
salary, dept_name) values (1, 'john', 'HR', '2012-03-21',
20000, 'HR');

insert into employee_info
(emp_id, emp_name, designation, date_of_joining,
salary, dept_name) values (101, 'ABC', 'BA', '2017-09-01',
45000, 'Analyst');

iv] update

update employee_info set emp_name = 'David',
 dept_name = 'Admin' where emp_id = 101 ;

v] Alter

alter table Employee. employee_info ADD projects
set <text>;

vi] update the altered table

update employee_info set projects = projects +
        {'P1', 'P2', 'P3'} where emp_id = 1 ;
update employee_info set projects = projects +

{ 'p9', 'p8', 'p7' } where emp-id = 121 ;

vii] TTL.

insert into employee info (emp-id, emp-name, designation, date-of-joining, salary, dept-name) values (11, 'jenny', 'SDE', '2019-03-18', 40000, 'tech) USING TTL 15 ;

Select TTL(emp-name) from Employee.employee-info where emp-id = 11 ;

②.

i] Create Keyspace library
create Keyspace library with replication = {
'class': 'SimpleStrategy', 'replication-factor': 1 };

ii] create column family library info
create table library info (Stud-id int, counter-value counter, stud-name text, book-name text, book-id int, date-of-issue timestamp, PRIMARY KEY ((Stud-id, Stud-name, book-name, book-id, date-of-issue)));

iii] Insertion

update library-info set counter-value = counter-value + 1 where stud-id = 112 and stud-name = 'ABC' and book-name = 'BDA' and book-id = 1 and date-of-issue = '2019-08-20'.

iv] Display
Select * from library-info ;

iv) Export.

Copy library_info (stud_id, counter_value, stud_name, book_name, book_id, date_of_issue) TO 'd:\library_info.csv';

v) Import.

Copy library_info (stud_id, counter_value, stud_name, book_name, book_id, date_of_issue) FROM 'd:\library_info.csv';