

Srichithra

Lab 5(a)

IBM17CS104.

Create Keyspace Employee WITH replication = ('class': 'SimpleStrategy',
replication_factor: 3);

Qual COLUMN FAMILY 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, key, emp_name, salary) values (120,
'Development', 'CTO', '18/10/2020', 'Srichithra', 2000000);

APPLY BATCH;

Select * from employee - info;
UPDATE employee - info set emp_name = 'SRathu', dept_name = 'IT'
WHERE emp-id = 121;

Select * from employee - info;

ALTER Table employee - info ADD Project VARCHAR;

UPDATE employee - info set project = 'Smart Home' WHERE
emp-id = 120;

~~UPDATE~~
INSERT INTO employee - info (emp-id, dept_name, designation,
doj, emp_name, project, salary) values (124, 'PR', 'Senior
Manager', '2/6/2019', 'Alhi', 'Vera Recognition', 200000)
Using TTL 15;

Select TTL (designation) FROM employee - info where
emp-id = 124;

Lab (5) b

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18M12CS104

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

Create Columnfamily library-info (stud-id uuid,
counter-value counter, stud_name VARCHAR,
book_name VARCHAR, book-id INT, DOI VARCHAR,
PRIMARY KEY (stud-id, stud_name, book_name, book-id,
doi));

UPDATE library-info set counter_value = counter_value + 1
where stud-id = uuid() & stud_name = 'Srishti'
and book_name = 'XYZ' and book-id = 1 and
doi = '01/05/2020';

UPDATE library-info set counter_value = counter_value + 1
where stud-id = uuid() and stud_name = 'Shuklam'
and book_name = 'ABC' and book-id = 2 and
doi = '03/02/2020';

select * from library-info;

~~COPY~~
COPY library-info (stud-id, counter_value, stud_name,
book_name, book-id, doi) TO '~~Path~~' 'C:\user\res.csv'.
WITH HEADER=TRUE;

~~COPY~~ library-info (stud-id counter_value, stud_name,
book_name, book-id, doi) FROM 'C:\user\res.csv'
WITH HEADER=TRUE;

Select * from library-info where counter_value = 2
ALLOW FILTERING;