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USN: IBM17CS100

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Program 1:

(1) create keyspace employee with replication={
 'class': 'SimpleStrategy',
 'replication_factor': 1
};

(2) create table employee-info (emp-id int, emp-name text,
 designation text, date-of-join timestamp,
 salary int, dept-name text,
 primary key (emp-id));

(3) begin batch

insert into employee-info (emp-id, emp-name, designation,
 date-of-join, salary, dept-name) values
 (121, 'Ram', 'Web Developer', '2020-01-21', 10000,
 'development');

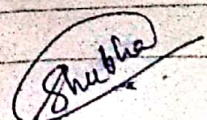
insert into employee-info (emp-id, emp-name, designation,
 date-of-join, salary, dept-name) values
 (122, 'Sita', 'Blockchain', '2020-01-21', 20000,
 'blockchain');

apply batch;

(4) update employee-info set emp-name = 'Ram Verma'
 where emp-id = 121 and salary = 10000;

update employee-info set dept-name = 'cyber security'
 where emp-id = 121 and salary = 10000;

select * from employee-info;



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(5) select * from employee-info where emp_id in (121, 122) order by salary;

(6) Alter table employee-info add projects list <text>;

(7) update employee-info set projects = ['distributed firewall', 'malware detection'] where emp_id = 121 and salary = 10000;

update employee-info set projects = ['crowd funding', 'online voting system'] where emp_id = 122 and salary = 20000;

(8) Insert into Employee Info (~~Emp~~ emp_id, emp_name, designation, date of joining, salary, dept_name) values (127, 'Varsha', 'mddvelopes', '2020-01-20', 10000, 'development') using TTL 15;

> select * from Employee-Info;

> # After 15 seconds

> Select * from Employee Info;

