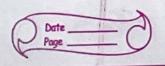
les forming the following DR sportations e Crease a Keyspere by name Employel create Keyspace Employee WITH replication = & claim: Simplestratingy,

Syplication - factor: 1.8;

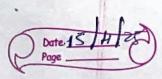
DESCRIBE KEYSPACE; Cocote a course jensely by name Employee-Info with attribute Empire Primary Key, Emphone, Dudgnation, ocur-of joining, Ralany, Dept-Name. USE Employee CRETTE TABLE Triplogie Purpo ( 1997) Eup-Id in primary KEY, Emp-Nome text, or miles Designation text Date-of-Toining date, Salary int, - 136 a Dept Name First 3 1007 senso ANTE ); reduces anien wood, reticions MARCHARY REMINER KEY ( DON'S FORM quest the values into the tayle is batch BICIN BATCH Dissipation, Date of joining Salory Dept None,
VALUES (101, John Die, "Developer, 2016-01-15, 60000,



INSFRT MTO Employee-Info (Emp-10), Emp-Nome Designation, Dotte of Joining, Solary, Dept Nems) VALUES (121, 'Jone Smith', Monaga', 2019-03-20) SCOOD 'HR');
VALUES (131', 'Mike Johnson', 'Molygh', 2021-06-20'
STOOD 'Enauc');
APPLY BATCH DELINE THE SAIRCE SELECT \* from Employe-into;

H. Update the Purploye name & department
of Emp-10 121 'Jone Doe', Dept-Name: IT! SELECT from Employee into Atter the schoma of the table Buployee-Rufo
to add a column begins with storm a sy
of projects done by the corresponding Employee ALTER TABLE Employee ENTO MOD Projects set thous SPOTTE Employee-Enfo SET Projects = { Project n',
'Project &' } NOTHERE Emp-10=101; oporte Emploque Puro SET Pagires: E' Maguet x, · Project y'? HERE Employee = 121; UPDATE Employee - Enfo set Project = 8' Byon 2', WHERE Employee - 131; 2. Create a TTE of is suronds to auxplay Mater 1010 Employer Info (Frip 1d) Frip Name
Dendration, Date of Joining, Salory
Dent Nonzel Project Vinus 5 (101),
'John Doe', Dendoper 12020-01-18

60000, IT, 3 Project 11', Majetiki? USING TTL 15; SELECT > from Employee-lufo; ri': wood tyste "soa wo?" (151 = m (sold )) MITTER THRIP Francy who was the Thought the formalogorand ser laderent 111008 And the tent to the second 17 NO 401



20114	
	Laboob town tet by 1 down all to
	> Ladray 15 He light
	Hadroop Basic commands execution in Ubune
	Hadrop Basic tournands execution in Ubuner
l.	To start hadrop shey in terminal
	/ Suft-allish
	> jps ground us " + x + x x colold none ? P
0	Russian de de la constante de
2.	16 Check wisting directories
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Ro check existing directories
AND DESCRIPTION OF THE PARTY OF	
	If ne divertories investo treater new 12
	reduced to min
4-	Create aible metality a holy
2	files txt milled and perktop (locary) al
5.1	Copy the tile boy duktor to hadows Als
	Bystem tile name
1:	Rystem file pois duktop to hadoup \$10
	I hadoop is -copp From Local Thomse hadoon
	Desktop/filet.tot /nin/text-txt
	to hadowy to rightf
6.	To view the hadoop file test tot
	> nano /home   hader op   Duktop   file 1
	Ct81 + 0 -> To save
	Ctyl + 1x -> To esuit
2	

```
Apr 8 14:43 🗓
```

```
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: $ calsh
Connected to at 127.0.0.1:9042
[cqlsh 6.1.0 | Cassandra 4.1.4 | CQL spec 3.4.6 | Native protocol v5]
Use HELP for help.
cqlsh> DROP KEYSPACE employee
   ... DROP KEYSPACE employee;
cqlsh> DROP KEYSPACE employee;
colsh> DESCRIBE KEYSPACES;
employee1
              students
                           system distributed system views
student data system
                           system schema
                                               system virtual schema
              system auth system_traces
student new
calsh> CREATE KEYSPACE Employee
   ... WITH replication = {'class': 'SimpleStrategy', 'replication factor': 1};
cglsh> DESCRIBE KEYSPACES;
employee
              student new system auth
                                               system_traces
employee1
              students
                          system distributed system views
student data system
                          system schema
                                               system virtual schema
cglsh> USE employee;
cqlsh:employee> CREATE TABLE Employee Info (
                    Emp Id int PRIMARY KEY,
                    Emp Name text,
                   Designation text,
                   Date of Joining date.
                    Salary int,
                    Dept Name text
            ... );
cglsh:employee> BEGIN BATCH
            ... INSERT INTO Employee Info(Emp id.Emp Name.Designation.Date of Joining.Salary.Dept Name)VALUES (101.'John Doe'.'D
eveloper','2020-01-15',60000,'IT');
            ... INSERT INTO Employee Info(Emp id.Emp Name.Designation.Date of Joining.Salary.Dept Name)VALUES (121, Jane Smith',
'Manager','2019-03-10',80000,'HR');
            ... INSERT INTO Employee Info(Emp id.Emp Name, Designation, Date of Joining, Salary, Dept Name) VALUES (131, 'Mike Johnson
','Analyst','2021-06-20',55000,'Finance');
            ... APPLY BATCH:
cqlsh:employee> SELECT * FROM Employee_Info;\
cqlsh:employee> SELECT * FROM Employee_Info;
  Mp_Ld | date_of_joining | dept_name | designation | emp_name
                                                                   salary
   121
              2019-03-10
                                  HR. I
                                            Manager
                                                        Jane Smith
                                                                     80008
   131
              2021-06-20 | Finance |
                                           Analyst | Mike Johnson | 55000
   161
              2020-91-15 | IT |
                                         Developer
                                                         John Doe | 60000
```

B 0 0

```
ADT 8 14:45 1
                                                                                                                  ÷ 🖜 🛈
                                        bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~
F
cqlsh:employee> SELECT * FROM Employee Info WHERE Emp Id IN (101, 121, 131) ORDER BY Salary ASC;
cqlsh:employee> SELECT * FROM Employee Info WHERE Emp Id = 101 ORDER BY Salary ASC;
-cqlsh:employee> ALTER TABLE Employee Info ADD Projects set<text>;
cqlsh:employee> UPDATE Employee_Info SET Projects = {'Project A','Project B'} WHERE Emp Id = 101;
cqlsh:employee> UPDATE Employee Info SET Projects = {'Project X','Project Y'} WHERE Emp Id = 121;
cqlsh:employee> UPDATE Employee_Info SET Projects = {'Project Z'} WHERE Emp Id = 131;
calsh:employee> SELECT * from Employee Info:
 emp id | date of joining | dept name | designation | emp name
                                                                projects
                                                                                           salary
                                          Manager
    121
              2019-03-10
                                                       Jane Doe | ('Project X', 'Project Y') | 80000
                                                                              ('Project Z') | 55000
    131
                                          Analyst | Mike Johnson |
              2021-06-20
                            Finance
   101
              2020-01-15
                                 IT I
                                        Developer
                                                       John Doe | ('Project A', 'Project B') | 60000
(3 rows)
cqlsh:employee> INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name, Projects)
            ... VALUES (101, 'John Doe', 'Developer', '2020-01-15', 60000, 'IT', {'Project A', 'Project B'})
            ... USING TTL 15:
cqlsh:employee>
cqlsh:employee> INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name, Projects) VALUES (
101,'John Doe','Developer','2020-01-15',60000,'IT',{'Project A','Project B'}) USING TTL 15;
cqlsh:employee> SELECT * from Employee Info;
  mp_id | date_of_joining | dept_name | designation | emp_name
                                                                projects
                                                                                           salary
                                                       Jane Doe | {'Project X', 'Project Y'}
    121
              2019-03-10
                                 IT
                                          Manager
                                                                                           80000
                                          Analyst | Mike Johnson |
                                                                              {'Project Z'} | 55000
    131
              2021-06-20
                            Finance
    101
              2020-01-15
                                 IT
                                        Developer
                                                       John Doe | ['Project A', 'Project B'] | 60000
(3 rows)
cqlsh:employee> INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name, Projects) VALUES (
141,'John Doe','Developer','2020-01-15',60000,'IT',{'Project A','Project B'}) USING TTL 15;
cqlsh:employee> SELECT * from Employee Info;
 emp_id | date_of_joining | dept_name | designation | emp_name | projects
                                                                                           salary
    121
              2019-03-10
                                 IT
                                          Manager
                                                       Jane Doe | ['Project X', 'Project Y'] | 80000
    141
              2020-01-15
                                        Developer
                                                       John Doe [ 'Project A', 'Project B'] 60000
              2021-06-20 | Finance | Analyst | Mike Johnson |
    131
                                                                             ('Project Z') | 55000
(3 rows)
cglsh:employee> SELECT * from Employee Info;
  emp_id | date_of_joining | dept_name | designation | emp_name
                                                                projects
                                                                                           salary
    121
                                                       Jane Doe | {'Project X', 'Project Y'} | 80000
    131
             2021-06-20 | Finance | Analyst | Mike Johnson | ('Project Z') | 55000
(2 rows)
cqlsh:employee>
```