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sudo cassandra -R
cqlsh
```

```
CREATE KEYSPACE Company WITH replication ={'class':'SimpleStrategy',
'replication_factor':3};
DESCRIBE keyspaces;
USE Company;
```

```
CREATE TABLE employee(Empl_ID int PRIMARY KEY,F_Name text, L_Name text);
CREATE TABLE project(Project_ID int PRIMARY KEY,project_Name text);
CREATE TABLE employee_project(Empl_ID int , Project_ID int
,Assigned_Project_Task text PRIMARY KEY );
```

```
INSERT INTO Company.employee(Empl_ID ,F_Name , L_Name ) VALUES
(37,'Florence', 'New_York');
INSERT INTO Company.employee(Empl_ID ,F_Name , L_Name ) VALUES
(1234,'David', 'Paris');
```

```
INSERT INTO Company.project(Project_ID ,project_Name) VALUES (10 ,
'Online_Market_Research');
INSERT INTO Company.project(Project_ID ,project_Name) VALUES (20 ,
'Flight_Booking');
```

```
INSERT INTO Company.employee_project(Empl_ID , Project_ID
,Assigned_Project_Task ) VALUES (37, 10, 'Project_Management');
INSERT INTO Company.employee_project(Empl_ID , Project_ID
,Assigned_Project_Task ) VALUES (1234, 10, 'DB_Developemnt');
INSERT INTO Company.employee_project(Empl_ID , Project_ID
,Assigned_Project_Task ) VALUES (1234, 20, 'Lead Architect');
```

```
SELECT * FROM employee;
SELECT * FROM project;
SELECT * FROM employee_project;
```

```
ALTER TABLE employee ADD salary int;
UPDATE employee SET salary=80000 WHERE Empl_ID = 37;
UPDATE employee SET salary=120000 WHERE Empl_ID = 1234;
```

```
UPDATE project SET project_name='Cassandra DB' WHERE Project_ID = 10;
DELETE FROM Company.employee WHERE Empl_ID=37;
```

```
SELECT AVG(salary) AS Average FROM Company.employee;
```