

```

cqlsh:employee> CREATE TABLE Employee_By_Dept (
...     Dept_Name text,
...     Salary decimal,
...     Emp_Id int,
...     Emp_Name text,
...     Designation text,
...     Date_of_Joining date,
...     PRIMARY KEY (Dept_Name, Salary)
... ) WITH CLUSTERING ORDER BY (Salary DESC);
cqlsh:employee>
cqlsh:employee>
cqlsh:employee> INSERT INTO Employee_By_Dept (Dept_Name, Salary, Emp_Id, Emp_Name, Designation, Date_of_Joining)
... VALUES ('IT', 60000, 122, 'Jane Smith', 'Engineer', '2017-08-15');
cqlsh:employee> INSERT INTO Employee_By_Dept (Dept_Name, Salary, Emp_Id, Emp_Name, Designation, Date_of_Joining)
... VALUES ('Security', 75000, 122, 'John Wick', 'Manager', '2015-06-20');
cqlsh:employee>
cqlsh:employee> INSERT INTO Employee_By_Dept (Dept_Name, Salary, Emp_Id, Emp_Name, Designation, Date_of_Joining)
... VALUES ('IT', 80000, 123, 'Alice', 'Senior Engineer', '2015-04-10');
cqlsh:employee> SELECT * FROM Employee_By_Dept WHERE Dept_Name = 'IT';

```

dept_name	salary	date_of_joining	designation	emp_id	emp_name
IT	80000	2015-04-10	Senior Engineer	123	Alice
IT	60000	2017-08-15	Engineer	122	Jane Smith

(2 rows)

```

cqlsh:employee> ALTER TABLE Employee_Info ADD Projects list<text>;
cqlsh:employee> UPDATE Employee_Info SET Projects = ['Website Revamp', 'Cloud Migration'] WHERE Emp_Id = 121;
cqlsh:employee> INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name)
... VALUES (123, 'Temp User', 'Intern', '2024-01-01', 30000, 'Temp') USING TTL 15;
cqlsh:employee> SELECT * FROM Employee_Info;

```

emp_id	date_of_joining	dept_name	designation	emp_name	projects	salary
123	2024-01-01	Temp	Intern	Temp User	null	30000
122	2017-08-15	IT	Engineer	Jane Smith	null	60000
121	2015-06-20	Security	Manager	John Wick	['Website Revamp', 'Cloud Migration']	75000