Perform the following DB operations using Cassandra.

1. Create a key space by name Employee

```
cqlsh:employee2> create keyspace employee4 with replication={'class':'SimpleStrategy','replication_factor':'1'}; cqlsh:employee2>
```

2. Create a column family by name Employee-Info with attributes

Emp Id Primary Key, Emp Name, Designation, Date of Joining,

Salary, Dept Name

cqlsh:employee2> create employee_info (id int Primary Key,name text,designation text,doj timestamp,salary double,department text);

3. Insert the values into the table in batch

4. Update Employee name and Department of Emp-Id 2

```
cqlsh:employee2> update employee_info set name='ram',department='management' where id=2;
```

5. Sort the details of Employee records based on salary

cqlsh:employee2> select * from employee_info where id in(1,2,3) orderby salary;

```
id | department | designation | doj
| name | salary

1 | management | manager | 2019-05-03 18:30:00.000000+0000 | aruna | 1.25e+05

2 | management | developer | 2020-05-03 18:30:00.000000+0000 | ram | 1.05e+05

3 | dev | developer | 2021-05-03 18:30:00.000000+0000 | raj | 1e+05
```

6. Alter the schema of the table Employee_Info to add a column Projects which stores a set of Projects done by the corresponding Employee.

7. Update the altered table to add project names.

8 Create a TTL of 15 seconds to display the values of Employees.