Assignment

Column Family: Cassandra

Consider the following tables.

Table 1: Employee

Empl_ID (number(3))	F_Name (varchar(10))	L_Name (varchar(10))
37	Florence	Newyork
1234	David	Paris

Table 2: Project

Project_ID (number(2))	Project_Name (varchar(20))
10	Online Market Research
20	Flight_Booking

Table 3: Employee_Project

Empl_ID (number(3))	Project_ID (number(2))	Assigned_Project_Task (varchar(20))
37	10	Project Management
1234	10	DB Development
1234	20	Lead Architect

Answer the following questions

1. Create a keyspace called '*Company'* with properties *and write* a query to select keypsace as '*Company'*.
2. Write a CQL query to verify and display keyspace.
3. Create all the above tables.
4. Implement all the referential integrity constraints.
5. Insert all the values using CQL to the respective tables
6. Write a CQL query to display all the employee names.
7. Alter table with salary column and insert values.
8. Write a CQL query to update the project id where empl_id = 37.
9. Write a CQL query to delete the data where empl_id=1234.
10. CQL Querying:
    - Find the employee which has more than two projects.

- Find the average salary of all employees.