Lab 4

1. Create a keyspace by name Student

```
cqlsh> create keyspace Student with replication={'class':'SimpleStrategy','replication_factor':'1'} and durable_writes='
true';
cqlsh> describe keyspaces
```

2. Create a column family by name Student-Info with attributes Student_Id Primary Key, Stude_Name, Date_of_Joining, Semester, Dept_Name

```
cqlsh> create table Student.Student_info(Student_id int primary key,Stud_Name text,Date_of_joining text,semester int,
Dept_Name text);
```

3. Insert the values into the table in batch

```
cqlsh> BEGIN BATCH
   ... insert into Student.Student_info(Student_id,Stud_Name,Date_of_joining,semester,Dept_Name) values(121,'
Varshitha','02/6/2010',6,'ISE');
   ... insert into Student.Student_info(Student_id,Stud_Name,Date_of_joining,semester,Dept_Name) values(122,'
Vara','02/6/2008',6,'CSE');
   ... insert into Student.Student_info(Student_id,Stud_Name,Date_of_joining,semester,Dept_Name) values(123,'
Varshini','20/6/2010',8,'ISE');
   ... APPLY BATCH;
cqlsh> select * from Student.Student_info;

 student_id | date_of_joining | dept_name | semester | stud_name
------------+-----------------+-----------+----------+-----------
        123 |       20/6/2010 |       ISE |        8 |  Varshini
        122 |       02/6/2008 |       CSE |        6 |      Vara
        121 |       02/6/2010 |       ISE |        6 | Varshitha

(3 rows)
```

4. Update Student name of Student_Id 121

```
cqlsh> update Student.Student_info set Stud_Name='vimal' where Student_id=121;
cqlsh> select * from Student.Student_info;

 student_id | date_of_joining | dept_name | semester | stud_name
------------+-----------------+-----------+----------+-----------
        123 |       20/6/2010 |       ISE |        8 |  Varshini
        122 |       02/6/2008 |       CSE |        6 |      Vara
        121 |       02/6/2010 |       ISE |        6 |     vimal

(3 rows)
cqlsh>
```