Mohammad Tanvir
1BM18CS054
CS 6B

MongoDB

```
> use studentdb

> db.student_collection.insert({
        "id" : "001",
        "Name": "abc1",
        "USN": "1BM001",
        "Sem": 6,
        "Dept": "CSE",
        "CGPA" : 9.0,
        "Hobby":["Painting"]
})

> var stud = [
    { "id" : "002",
      "Name": "bcd2",
      "USN": "1BM002",
      "Sem": 6,
      "Dept": "CSE",
      "CGPA": 2.0,
      "Hobby":["coding"]
    },
    { "id" : "003",
      "Name": "cde",
      "USN" : "1BM003",
      "Sem": 6,
      "Dept": "ISE",
      "CGPA": 7.0,
      "Hobby" :["Sports"]
    },
```


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24/05/21

BDA Lab 1

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```
{
    "id": "004",
    "Name": "def",
    "USN": "1BM18CS064",
    "Sem": 6,
    "Dept": "CSE",
    "CGPA": 8.0,
    "Hobby":[{"Coding"}]
}]
```

```
> db.student_collection.insert(stud);
> db.student_collection.find().forEach(printjson);
> db.student_collection.remove({"CGPA": 2.0});
> db.student_collection.find().forEach(printjson);
```

CQL

```
cqlsh > CREATE KEYSPACE business with
        REPLICATION ={'class': 'SimpleStrategy',
                      'replication_factor': 1};
cqlsh> Select * from System_schema.keyspaces;
cqlsh> DESCRIBE business;
cqlsh > use business
cqlsh:business > CREATE TABLE bank(
                    customerid text primary key,
                    customer_name text,
                    account_bal double,
                    account_type text);
cqlsh: business > SELECT * FROM bank;
cqlsh: business > BEGIN BATCH
                  INSERT INTO bank(customer_id, customer_name,
                  VALUES("10011", "abc", 7000.00, "Savings")
```

BDA Lab 1

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CSGB

```
INSERT INTO bank( customerid,
    customer_name, account_bal, account_type)
VALUES ( "100112", "def", 8000.00, "Current");

INSERT INTO bank ( customer_id,
    customer_name, account_bal, account_type)
VALUES( "100113", "ghi", 80001.00, "Savings")

INSERT INTO bank ( customerid, customer_name,
    account_bal, account_type) VALUES
( "100114", "jkl", 90000.00, "Current")

APPLY BATCH;
```

```
cqlsh: business > SELECT * FROM bank;
cqlsh: business > SELECT customer_name, account_bal
                  FROM bank
                  WHERE account_bal > 80000
                  ALLOW FILTERING;
cqlsh: busines > CREATE INDEX ON bank(
                   account_bal);
cqlsh: business > ALTER TABLE bank ADD Branch_name text;
cqlsh: business > BEGIN BATCH
                  UPDATE bank set branch_name = 'LOC01'
                  WHERE customer_id = '100111'
                  UPDATE bank set branch_name = 'LOC02'
                  WHERE customer_id = '100112'
                  UPDATE bank set branch_name = 'LOC01'
                  WHERE customer_id = '100113'
                  UPDATE bank set branch_name = 'LOC02'
                  WHERE customer_id = '100114'
                  APPLY BATCH;
cqlsh: bussines > SELECT * FROM BANK;
```


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BDA LAB 1

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CS6B

```
cqlsh: business> COPY bank( customerid,
                            customer_name,
                            account_bal,
                            account_type) to
                "C:\Desktop\bank.csv" ;
cqlsh: business> TRUNCATE Bank; bank
cqlsh: business> SELECT * FROM Bank bank;
cqlsh: business> COPY bank( customer_id, customer_name,
                            account_bal, account_type)
                FROM "c:\Desktop\bank.csv";
cqlsh: business> SELECT * FROM Bank;
```


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