VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.

LAB REPORT
on

BIG DATA ANALYTICS (20CS6PEBDA)

Submitted by

Prathik Vittal (1BM19CS117)

in partial fulfillment for the award of the degree of
BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

B.M.S. COLLEGE OF ENGINEERING
(Autonomous Institution under VTU)
BENGALURU-560019
May-2022 to July-2022

B. M. S. College of Engineering,

Bull Temple Road, Bangalore 560019

(Affiliated To Visvesvaraya Technological University, Belgaum)

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that the Lab work entitled “**BIG DATA ANALYTICS**” carried out by **Prathik Vittal(1BM19CS117),** who is bonafide student of **B. M. S. College of Engineering.** It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022. The Lab report has been approved as it satisfies the academic requirements in respect of a **Big Data Analytics - (20CS6PEBDA)** work prescribed for the said degree.

Dr. Antara Roy Choudhury
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Index Sheet

Course Outcome

CO1	Apply the concept of NoSQL, Hadoop or Spark for a given task
CO2	Analyze the Big Data and obtain insight using data analytics mechanisms.
CO3	Design and implement Big data applications by applying NoSQL, Hadoop or Spark

Lab-1:

```
prathikvittal2508@Prathiks-MacBook-Pro ~ % cqlsh

/usr/local/Cellar/cassandra/4.0.4/libexec/bin/cqlsh.py:460: DeprecationWarning: Legacy execution
parameters will be removed in 4.0. Consider using execution profiles.

/usr/local/Cellar/cassandra/4.0.4/libexec/bin/cqlsh.py:490: DeprecationWarning: Setting the consistency
level at the session level will be removed in 4.0. Consider using execution profiles and setting the desired
consitency level to the EXEC_PROFILE_DEFAULT profile.

Connected to Test Cluster at 127.0.0.1:9042

[cqlsh 6.0.0 | Cassandra 4.0.4 | CQL spec 3.4.5 | Native protocol v5]

Use HELP for help.

cqlsh> CREATE KEYSPACE Students WITH REPLICATION = { 'class':'SimpleStrategy',
'replication_factor':1};

cqlsh> DESCRIBE KEYSPACES


assignment  system_auth         system_traces

students    system_distributed  system_views

system      system_schema       system_virtual_schema


cqlsh> use students;

cqlsh:students> CREATE TABLE Student_info(

        ... RollNo int PRIMARY KEY,

        ... Name text,

        ... DateOfJoin timestamp,

        ... LastExamPercent double,

        ... );

cqlsh:students> DESCRIBE TABLE Student_info;


CREATE TABLE students.student_info (

    rollno int PRIMARY KEY,

    dateofjoin timestamp,

    lastexampercent double,

    name text

) WITH additional_write_policy = '99p'
```

```
    AND bloom_filter_fp_chance = 0.01

    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}

    AND cdc = false

    AND comment = ''

    AND compaction = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy',
'max_threshold': '32', 'min_threshold': '4'}

    AND compression = {'chunk_length_in_kb': '16', 'class':
'org.apache.cassandra.io.compress.LZ4Compressor'}

    AND crc_check_chance = 1.0

    AND default_time_to_live = 0

    AND extensions = {}

    AND gc_grace_seconds = 864000

    AND max_index_interval = 2048

    AND memtable_flush_period_in_ms = 0

    AND min_index_interval = 128

    AND read_repair = 'BLOCKING'

    AND speculative_retry = '99p';

cqlsh:students> BEGIN BATCH INSERT INTO Student_info(RollNo, Name, DateOfJoin,
LastExamPercent) VALUES(1,'Puneeth Kumar','2021-03-12',95.5) APPLY BATCH;

cqlsh:students> BEGIN BATCH INSERT INTO Student_info(RollNo, Name, DateOfJoin,
LastExamPercent) VALUES(2,'Pankaj Gupta','2019-05-22',92.3) APPLY BATCH;

cqlsh:students> BEGIN BATCH INSERT INTO Student_info(RollNo, Name, DateOfJoin,
LastExamPercent) VALUES(3,'Preetham','2017-01-19',89.9) APPLY BATCH;

cqlsh:students> SELECT * FROM Student_info;


 rollno | dateofjoin                      | lastexampercent | name

--------+---------------------------------+-----------------+---------------

      1 | 2021-03-11 18:30:00.000000+0000 |            95.5 | Puneeth Kumar

      2 | 2019-05-21 18:30:00.000000+0000 |            92.3 |  Pankaj Gupta

      3 | 2017-01-18 18:30:00.000000+0000 |            89.9 |      Preetham


(3 rows)

cqlsh:students> SELECT * FROM Student_info WHERE RollNo IN (1,2);
```

```
 rollno | dateofjoin                      | lastexampercent | name
--------+---------------------------------+-----------------+---------------
      1 | 2021-03-11 18:30:00.000000+0000 |            95.5 | Puneeth Kumar
      2 | 2019-05-21 18:30:00.000000+0000 |            92.3 |  Pankaj Gupta

(2 rows)
cqlsh:students> CREATE INDEX ON Student_info(Name);
cqlsh:students> SELECT * FROM Student_info WHERE Name='Preetham';

 rollno | dateofjoin                      | lastexampercent | name
--------+---------------------------------+-----------------+----------
      3 | 2017-01-18 18:30:00.000000+0000 |            89.9 | Preetham

(1 rows)
cqlsh:students> SELECT RollNo,Name, LastExamPercent FROM Student_info LIMIT 2;

 rollno | name          | lastexampercent
--------+---------------+-----------------
      1 | Puneeth Kumar |            95.5
      2 |  Pankaj Gupta |            92.3

(2 rows)
cqlsh:students> SELECT RollNo,LastExamPercent as "Score" FROM Student_info;

 rollno | Score
--------+-------
      1 |  95.5
      2 |  92.3
      3 |  89.9

(3 rows)
cqlsh:students> UPDATE Student_info SET LastExamPercent=97 WHERE RollNo=1;
```

```
cqlsh:students> SELECT * FROM Student_info;

 rollno | dateofjoin                      | lastexampercent | name
--------+---------------------------------+-----------------+---------------
      1 | 2021-03-11 18:30:00.000000+0000 |              97 | Puneeth Kumar
      2 | 2019-05-21 18:30:00.000000+0000 |            92.3 |  Pankaj Gupta
      3 | 2017-01-18 18:30:00.000000+0000 |            89.9 |      Preetham

(3 rows)
cqlsh:students> DELETE FROM Student_info WHERE RollNo=2;
cqlsh:students> SELECT * FROM Student_info;

 rollno | dateofjoin                      | lastexampercent | name
--------+---------------------------------+-----------------+---------------
      1 | 2021-03-11 18:30:00.000000+0000 |              97 | Puneeth Kumar
      3 | 2017-01-18 18:30:00.000000+0000 |            89.9 |      Preetham

(2 rows)
cqlsh:students> DELETE LastExamPercent FROM Student_info where RollNo=1;
cqlsh:students> SELECT * FROM Student_info
            ... ;

 rollno | dateofjoin                      | lastexampercent | name
--------+---------------------------------+-----------------+---------------
      1 | 2021-03-11 18:30:00.000000+0000 |            null | Puneeth Kumar
      3 | 2017-01-18 18:30:00.000000+0000 |            89.9 |      Preetham

(2 rows)
cqlsh:students> SELECT RollNo,LastExamPercent as "Score" FROM Student_info;

 rollno | Score
--------+-------
```

```
      1 |  null
      3 |  89.9

(2 rows)
cqlsh:students> UPDATE Student_info SET LastExamPercent=97 WHERE RollNo=1;
cqlsh:students> SELECT * FROM Student_info;

 rollno | dateofjoin                      | lastexampercent | name
--------+---------------------------------+-----------------+---------------
      1 | 2021-03-11 18:30:00.000000+0000 |              97 | Puneeth Kumar
      3 | 2017-01-18 18:30:00.000000+0000 |            89.9 |      Preetham

(2 rows)
cqlsh:students> CREATE TABLE Project_Details(
            ... pid int,
            ... pname text,
            ... stud_name text,
            ... duration int,
            ... PRIMARY KEY(pid,pname)
            ... );
cqlsh:students> DESCRIBE TABLE Project_Details;

CREATE TABLE students.project_details (
    pid int,
    pname text,
    duration int,
    stud_name text,
    PRIMARY KEY (pid, pname)
) WITH CLUSTERING ORDER BY (pname ASC)
    AND additional_write_policy = '99p'
    AND bloom_filter_fp_chance = 0.01
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
    AND cdc = false

    AND comment = ''

    AND compaction = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy',
'max_threshold': '32', 'min_threshold': '4'}

    AND compression = {'chunk_length_in_kb': '16', 'class':
'org.apache.cassandra.io.compress.LZ4Compressor'}

    AND crc_check_chance = 1.0

    AND default_time_to_live = 0

    AND extensions = {}

    AND gc_grace_seconds = 864000

    AND max_index_interval = 2048

    AND memtable_flush_period_in_ms = 0

    AND min_index_interval = 128

    AND read_repair = 'BLOCKING'

    AND speculative_retry = '99p';

cqlsh:students> BEGIN BATCH INSERT INTO Project_Details(pid,pname,duration,stud_name)
VALUES(1,'LMS',3,'Puneeth Kumar') INSERT INTO Project_Details(pid,pname,duration,stud_name)
VALUES(2,'Colab',4,'Preetham') APPLY BATCH;

cqlsh:students>  SELECT * FROM Project_Details;


 pid | pname | duration | stud_name

-----+-------+----------+---------------

   1 |   LMS |        3 | Puneeth Kumar

   2 | Colab |        4 |      Preetham


(2 rows)

cqlsh:students> SELECT * FROM Project_Details WHERE PID=2;


 pid | pname | duration | stud_name

-----+-------+----------+-----------

   2 | Colab |        4 |  Preetham


(1 rows)
```

```
cqlsh:students> CREATE INDEX ON Project_Details(stud_name);
cqlsh:students> SELECT * FROM Project_Details WHERE stud_name='Puneeth Kumar';

 pid | pname | duration | stud_name
-----+-------+----------+---------------
   1 |   LMS |        3 | Puneeth Kumar

(1 rows)
cqlsh:students> UPDATE Project_Details SET duration=5 WHERE pid=1 and pname='LMS';
cqlsh:students> SELECT * FROM Project_Details;

 pid | pname | duration | stud_name
-----+-------+----------+---------------
   1 |   LMS |        5 | Puneeth Kumar
   2 | Colab |        4 |      Preetham

(2 rows)
cqlsh:students> DELETE duration FROM Project_Details where pid=2 and pname='Colab';
cqlsh:students> SELECT * FROM Project_Details;

 pid | pname | duration | stud_name
-----+-------+----------+---------------
   1 |   LMS |        5 | Puneeth Kumar
   2 | Colab |     null |      Preetham

(2 rows)
cqlsh:students>
```

Lab-2:

```
prathikvittal2508@Prathiks-MacBook-Pro ~ % cqlsh

/usr/local/Cellar/cassandra/4.0.4/libexec/bin/cqlsh.py:460: DeprecationWarning: Legacy execution parameters will be removed in 4.0. Consider using execution profiles.

/usr/local/Cellar/cassandra/4.0.4/libexec/bin/cqlsh.py:490: DeprecationWarning: Setting the consistency level at the session level will be removed in 4.0. Consider using execution profiles and setting the desired consitency level to the EXEC_PROFILE_DEFAULT profile.

Connected to Test Cluster at 127.0.0.1:9042

[cqlsh 6.0.0 | Cassandra 4.0.4 | CQL spec 3.4.5 | Native protocol v5]

Use HELP for help.

cqlsh> CREATE KEYSPACE Library  WITH REPLICATION = { 'class':'SimpleStrategy', 'replication_factor':1};

cqlsh> USE Library;

cqlsh:library> CREATE TABLE library_info (

        ... stud_id int,

        ... stud_name text,

        ... book_name text,

        ... book_id int,

        ... date_of_issue timestamp,

        ... counter_value counter,

        ... PRIMARY KEY (stud_id, stud_name, book_name, book_id, date_of_issue)

        ... );

cqlsh:library> DESCRIBE TABLE Library_Info;


CREATE TABLE library.library_info (

    stud_id int,

    stud_name text,

    book_name text,

    book_id int,

    date_of_issue timestamp,

    counter_value counter,

    PRIMARY KEY (stud_id, stud_name, book_name, book_id, date_of_issue)
) WITH CLUSTERING ORDER BY (stud_name ASC, book_name ASC, book_id ASC, date_of_issue
ASC)

    AND additional_write_policy = '99p'

    AND bloom_filter_fp_chance = 0.01

    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}

    AND cdc = false

    AND comment = ''

    AND compaction = {'class': 'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy',
'max_threshold': '32', 'min_threshold': '4'}

    AND compression = {'chunk_length_in_kb': '16', 'class':
'org.apache.cassandra.io.compress.LZ4Compressor'}

    AND crc_check_chance = 1.0

    AND default_time_to_live = 0

    AND extensions = {}

    AND gc_grace_seconds = 864000

    AND max_index_interval = 2048

    AND memtable_flush_period_in_ms = 0

    AND min_index_interval = 128

    AND read_repair = 'BLOCKING'

    AND speculative_retry = '99p';

cqlsh:library> Library_Info  SET Counter_value=Counter_value+1 where Stud_Id=1 and
Stud_Name='Pankaj Gupta' and Book_name='BDA' and Book_id=111 and Date_Of_Issue='2021-03-15';

SyntaxException: line 1:0 no viable alternative at input 'Library_Info' ([Library_Info]...)

cqlsh:library> library_info  SET Counter_value=Counter_value+1 where Stud_Id=1 and
Stud_Name='Pankaj Gupta' and Book_name='BDA' and Book_id=111 and Date_Of_Issue='2021-03-15';

SyntaxException: line 1:0 no viable alternative at input 'library_info' ([library_info]...)

cqlsh:library> UPDATE  Library_Info  SET Counter_value=Counter_value+1 where Stud_Id=1 and
Stud_Name='Pankaj Gupta' and Book_name='BDA' and Book_id=111 and Date_Of_Issue='2021-03-15';

cqlsh:library> UPDATE  Library_Info  SET Counter_value=Counter_value+1 where Stud_Id=2 and
Stud_Name='Priyanka' and Book_name='OOMD' and Book_id=112 and Date_Of_Issue='2021-02-12';

cqlsh:library> UPDATE  Library_Info  SET Counter_value=Counter_value+1 where Stud_Id=112 and
Stud_Name='Ashwin' and Book_name='BDA' and Book_id=1123 and Date_Of_Issue='2021-01-18';

cqlsh:library> SELECT * FROM Library_Info;


 stud_id | stud_name    | book_name | book_id | date_of_issue                  | counter_value
```

```
---------+--------------+-----------+---------+--------------------------------+---------------
       1 | Pankaj Gupta |       BDA |     111 | 2021-03-14 18:30:00.000000+0000 |             1
       2 |     Priyanka |      OOMD |     112 | 2021-02-11 18:30:00.000000+0000 |             1
     112 |       Ashwin |       BDA |    1123 | 2021-01-17 18:30:00.000000+0000 |             1

(3 rows)
cqlsh:library> UPDATE  Library_Info  SET Counter_value=Counter_value+1 where Stud_Id=112 and Stud_Name='Aswin' and Book_name='BDA' and Book_id=1123 and Date_Of_Issue='2021-01-18';
cqlsh:library> cqlsh:Library> SELECT * FROM Library_Info;
SyntaxException: line 1:0 no viable alternative at input 'cqlsh' ([cqlsh]...)
cqlsh:library>  SELECT * FROM Library_Info;

 stud_id | stud_name    | book_name | book_id | date_of_issue                   | counter_value
---------+--------------+-----------+---------+--------------------------------+---------------
       1 | Pankaj Gupta |       BDA |     111 | 2021-03-14 18:30:00.000000+0000 |             1
       2 |     Priyanka |      OOMD |     112 | 2021-02-11 18:30:00.000000+0000 |             1
     112 |       Ashwin |       BDA |    1123 | 2021-01-17 18:30:00.000000+0000 |             1
     112 |        Aswin |       BDA |    1123 | 2021-01-17 18:30:00.000000+0000 |             1

(4 rows)
cqlsh:library> UPDATE  Library_Info  SET Counter_value=Counter_value+1 where Stud_Id=112 and Stud_Name='Ashwin' and Book_name='BDA' and Book_id=1123 and Date_Of_Issue='2021-01-18';
cqlsh:library>  SELECT * FROM Library_Info;

 stud_id | stud_name    | book_name | book_id | date_of_issue                   | counter_value
---------+--------------+-----------+---------+--------------------------------+---------------
       1 | Pankaj Gupta |       BDA |     111 | 2021-03-14 18:30:00.000000+0000 |             1
       2 |     Priyanka |      OOMD |     112 | 2021-02-11 18:30:00.000000+0000 |             1
     112 |       Ashwin |       BDA |    1123 | 2021-01-17 18:30:00.000000+0000 |             2
     112 |        Aswin |       BDA |    1123 | 2021-01-17 18:30:00.000000+0000 |             1

(4 rows)
```

```
cqlsh:library> COPY
Library_Info(Stud_Id,Stud_Name,Book_Name,Book_Id,Date_Of_Issue,Counter_value) TO
'g:\libraryInfo.csv';

Using 7 child processes


Starting copy of library.library_info with columns [stud_id, stud_name, book_name, book_id,
date_of_issue, counter_value].

Processed: 4 rows; Rate:      13 rows/s; Avg. rate:       6 rows/s

4 rows exported to 1 files in 0.652 seconds.

cqlsh:library> CREATE TABLE Library_Info_Import( Stud_Id int, Counter_value counter, Stud_Name text,
Book_Name text, Book_Id int, Date_Of_Issue timestamp, PRIMARY
KEY(Stud_Id,Stud_Name,Book_Name,Book_Id,Date_Of_Issue));

cqlsh:library> COPY
Library_Info_Import(Stud_Id,Stud_Name,Book_Name,Book_Id,Date_Of_Issue,Counter_value) FROM
'g:\libraryInfo.csv';

Using 7 child processes


Starting copy of library.library_info_import with columns [stud_id, stud_name, book_name, book_id,
date_of_issue, counter_value].

Processed: 4 rows; Rate:       3 rows/s; Avg. rate:       5 rows/s

4 rows imported from 1 files in 0.771 seconds (0 skipped).

cqlsh:library> SELECT * FROM Library_Info_Import;


 stud_id | stud_name    | book_name | book_id | date_of_issue                   | counter_value

---------+--------------+-----------+---------+---------------------------------+---------------

       1 | Pankaj Gupta |       BDA |     111 | 2021-03-14 18:30:00.000000+0000 |             1

       2 |     Priyanka |      OOMD |     112 | 2021-02-11 18:30:00.000000+0000 |             1

     112 |       Ashwin |       BDA |    1123 | 2021-01-17 18:30:00.000000+0000 |             2

     112 |        Aswin |       BDA |    1123 | 2021-01-17 18:30:00.000000+0000 |             1


(4 rows)

cqlsh:library>
```

Lab-3:

```
prathikvittal2508@Prathiks-MacBook-Pro ~ % mongosh

Current Mongosh Log ID:         629cf050a8a12ff9e092e50b

Connecting to:
mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mong
osh+1.4.2

Using MongoDB:                  5.0.7

Using Mongosh:                  1.4.2


For mongosh info see: https://docs.mongodb.com/mongodb-shell/


------

   The server generated these startup warnings when booting:

   2022-06-04T02:21:44.003+05:30: Access control is not enabled for the database. Read and write
access to data and configuration is unrestricted

   2022-06-04T02:21:44.003+05:30: Soft rlimits for open file descriptors too low

------


Warning: Found ~/.mongorc.js, but not ~/.mongoshrc.js. ~/.mongorc.js will not be loaded.

  You may want to copy or rename ~/.mongorc.js to ~/.mongoshrc.js.

test> show dbs

admin      40.00 KiB

config     36.00 KiB

local      72.00 KiB

mydb      192.00 KiB

sampledb   76.00 KiB

test> use Student

switched to db Student

Student> show collections


Student> db.student_info.insertMany([{RollNo:10, Name:"XYZ", Age:21, ContactNo:9876787675,
EmailId:"xyz.cs18@bmsce.ac.in"},{RollNo:11, Name:"ABC", Age:21, ContactNo:9886786675,
EmailId:"abc.cs18@bmsce.ac.in"},{RollNo:12, Name:"DEF", Age:20, ContactNo:8876737674,
EmailId:"def.cs18@bmsce.ac.in"}])
```

```
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId("629cf06fa8a12ff9e092e50c"),
    '1': ObjectId("629cf06fa8a12ff9e092e50d"),
    '2': ObjectId("629cf06fa8a12ff9e092e50e")
  }
}
Student> db.student_info.find()
[
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50c"),
    RollNo: 10,
    Name: 'XYZ',
    Age: 21,
    ContactNo: 9876787675,
    EmailId: 'xyz.cs18@bmsce.ac.in'
  },
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50d"),
    RollNo: 11,
    Name: 'ABC',
    Age: 21,
    ContactNo: 9886786675,
    EmailId: 'abc.cs18@bmsce.ac.in'
  },
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50e"),
    RollNo: 12,
    Name: 'DEF',
    Age: 20,
    ContactNo: 8876737674,
    EmailId: 'def.cs18@bmsce.ac.in'
  }
]
Student> db.student_info.update({RollNo:10},{$set:{EmailId:"xyznew.cs18@bmsce.ac.in"}})
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Student> db.student_info.find()
[
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50c"),
    RollNo: 10,
    Name: 'XYZ',
    Age: 21,
    ContactNo: 9876787675,
    EmailId: 'xyznew.cs18@bmsce.ac.in'
  },
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50d"),
    RollNo: 11,
    Name: 'ABC',
    Age: 21,
    ContactNo: 9886786675,
    EmailId: 'abc.cs18@bmsce.ac.in'
  },
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50e"),
    RollNo: 12,
    Name: 'DEF',
    Age: 20,
    ContactNo: 8876737674,
    EmailId: 'def.cs18@bmsce.ac.in'
  }
]
Student> db.student_info.replaceOne({RollNo:11},{RollNo:11, Name:"FEM", Age:21,
ContactNo:9886786675, EmailId:"abc.cs18@bmsce.ac.in"})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Student> db.student_info.find()
[
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50c"),
    RollNo: 10,
    Name: 'XYZ',
    Age: 21,
    ContactNo: 9876787675,
    EmailId: 'xyznew.cs18@bmsce.ac.in'
  },
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50d"),
    RollNo: 11,
    Name: 'FEM',
    Age: 21,
    ContactNo: 9886786675,
    EmailId: 'abc.cs18@bmsce.ac.in'
  },
  {
    _id: ObjectId("629cf06fa8a12ff9e092e50e"),
    RollNo: 12,
    Name: 'DEF',
    Age: 20,
    ContactNo: 8876737674,
    EmailId: 'def.cs18@bmsce.ac.in'
  }
]
Student> db.student_info.drop()
true
Student> db.student_info.find()

Student>
```