Q1. College Database

1. Mongodb database collection

```
use collegeDB;
```

2. Create collections

1. Student

```
db.createCollection("Student");
```

2. faculty

```
db.createCollection("faculty");
```

3. COE

```
db.createCollection("COE");
```

4. Library

```
db.createCollection("Library");
```

5. Admission

```
db.createCollection("Admission");
```

3. Insert data into each collections

1. Student

```
db.student.insert({_id: 1, Sname :"John", Grade: "vii",
      age : "13", phone: "9832416354", email: "John @
                                          gmail.com"});
```

2. faculty

```
db.faculty.insert({Fid: 1, fnam:"Bob", Course : "BDA",
age:" ", phone:" ", email:" "});
```

3. COE

```
db. COE. insert ({examType: "CIE1", dept: "CSE", numstudents: "18",
    numsub: "6", Sem: "7", numRooms: "5" });
```

4. Library

```
db. Library. insert ({id: 253261, numstaff: 10, numBooks:
db. Library. insert ({id: 253261, booksIssued: 3, bookReturned: 2,
5.        dept: "CSE", name: "aishwarya", fine: "0"
```

5. Admission

```
db. admission. insert ({ usn: "1BM17CS011", name: "aishwarya",
        Sem: "VIII", category: "GM", admType: "CET", fees: "paid"
```

(4) Read / Search for documents in a collection

```
db. student. find ({ stuName: "John" });
```

(5) Delete a collection

```
db. student. drop ();
```