Lab 1 - 1BM17CS86

```
> show dbs
< lab      8.19 kB
  admin    254 kB
  local    3.92 GB
> use lab
< 'switched to db lab'
> show collections
< test
> use test
< 'switched to db test'
> use myDB;
< 'switched to db myDB'
> db;
< myDB
> show dbs;
< lab      8.19 kB
  admin    254 kB
  local    3.92 GB
> db.createCollection("Student");
< { ok: 1 }
> db.Student.drop();
< true
> db.createCollection("Student");
< { ok: 1 }
> db.Student.insert({_id: 1, StudName: "MichelleJacintha", Grade: "VII", Hobbies: "InternetSurfing"
```

```
  });
< { acknowledged: 1, insertedIds: { '0': 1 } }
> db.Student.find({StudName: "Aryan David"});
<
> db.find();
⊗ ▸ TypeError: db.find is not a function
> db.Student.find();
< { _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing' }
> use College
< 'switched to db College'
> db.createCollection("Student", "Faculty");
< { ok: 0,
    errmsg: 'Cannot create property \'promiseLibrary\' on string \'Faculty\'',
    code: undefined }
> db.createCollection("Student");
< { ok: 1 }
> db.createCollection("Faculty");
< { ok: 1 }
> db.createCollection("COE");
< { ok: 1 }
> db.createCollection("Library");
< { ok: 1 }
```

```
> db.createCollection("Admission");
< { ok: 1 }
> db.createCollection("College Festival");
< { ok: 1 }
> db.Student.insert({name: "Saif", usn:"1BM17CS086"})
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 22 1f 7f e5 04 1d 58 45 30 89> } } }
> db.Student.insert({name: "Prateek", usn:"1BM17CS065"})
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 22 2d 7f e5 04 1d 58 45 30 8a> } } }
```

```
> db.Faculty.insert({name: "Pallavi G B", email:"pallavi.cse@bmsce.ac.in"})
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 22 e8 7f e5 04 1d 58 45 30 8b> } } }
> db.Faculty.insert({name: "Latha N R", email:"latha.cse@bmsce.ac.in"});
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 22 fe 7f e5 04 1d 58 45 30 8c> } } }
> db.COE.insert({name: "Ashok Kumar N", designation:"System Tech - Asst"});
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 23 de 7f e5 04 1d 58 45 30 8d> } } }
```

```
> db.COE.insert({name: "Anupama P R", designation:"Assistant Controller of Examinations"});
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 23 f7 7f e5 04 1d 58 45 30 8e> } } }
> db.Library.insert({name: "S P Suresha", designation:"Asst. Librarian"});
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 24 cc 7f e5 04 1d 58 45 30 8f> } } }
> db.Library.insert({name: "Shwetha T V", designation:"Library Asst."});
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 24 dd 7f e5 04 1d 58 45 30 90> } } }
> db.Admission.insert({branch: "Computer Science & Engineering", type:"UG"});
< { acknowledged: 1,
    insertedIds:
    { '0':
       { _bsontype: 'ObjectID',
         id: <Buffer 5f 6c 25 51 7f e5 04 1d 58 45 30 91> } } }
```

```
> db.Admission.insert({branch: "Mechanical Engineering", type:"UG"});
< { acknowledged: 1,
    insertedIds:
     { '0':
        { _bsontype: 'ObjectID',
          id: <Buffer 5f 6c 25 60 7f e5 04 1d 58 45 30 92> } } }
```

```
> db["College Festival"].insert({name: "Utsav", month: "April"});
< { acknowledged: 1,
    insertedIds:
     { '0':
        { _bsontype: 'ObjectID',
          id: <Buffer 5f 6c 26 35 7f e5 04 1d 58 45 30 93> } } }
> db["College Festival"].insert({name: "Phaseshift", month: "September"});
< { acknowledged: 1,
    insertedIds:
     { '0':
        { _bsontype: 'ObjectID',
          id: <Buffer 5f 6c 26 43 7f e5 04 1d 58 45 30 94> } } }
> db.College.find();
<
> db.Student.find();
< { _id: ObjectID("5f6c221f7fe5041d58453089"),
    name: 'Saif',
    usn: '1BM17CS086' }
  { _id: ObjectID("5f6c222d7fe5041d5845308a"),
    name: 'Prateek',
    usn: '1BM17CS065' }
```

```
> db.Faculty.find();
< { _id: ObjectID("5f6c22e87fe5041d5845308b"),
    name: 'Pallavi G B',
    email: 'pallavi.cse@bmsce.ac.in' }
  { _id: ObjectID("5f6c22fe7fe5041d5845308c"),
    name: 'Latha N R',
    email: 'latha.cse@bmsce.ac.in' }
> db.COE.find();
< { _id: ObjectID("5f6c23de7fe5041d5845308d"),
    name: 'Ashok Kumar N',
    designation: 'System Tech - Asst' }
  { _id: ObjectID("5f6c23f77fe5041d5845308e"),
    name: 'Anupama P R',
    designation: 'Assistant Controller of Examinations' }
> db.Library.find();
< { _id: ObjectID("5f6c24cc7fe5041d5845308f"),
    name: 'S P Suresha',
    designation: 'Asst. Librarian' }
  { _id: ObjectID("5f6c24dd7fe5041d58453090"),
    name: 'Shwetha T V',
    designation: 'Library Asst.' }
```

```
> db.Admission.find();
< { _id: ObjectID("5f6c25517fe5041d58453091"),
    branch: 'Computer Science & Engineering',
    type: 'UG' }
  { _id: ObjectID("5f6c25607fe5041d58453092"),
    branch: 'Mechanical Engineering',
    type: 'UG' }
> db['College Festival'].find();
< { _id: ObjectID("5f6c26357fe5041d58453093"),
    name: 'Utsav',
    month: 'April' }
  { _id: ObjectID("5f6c26437fe5041d58453094"),
    name: 'Phaseshift',
    month: 'September' }
```