

Assignment No 9

❖ CRUD Operations

❖ Create :- Creating Database, Collection

```
> use Assign_9
< 'switched to db Assign_9'
> show collections
<
> db.createCollection('studMarks')
< { ok: 1 }
> show collections
< studMarks
```

❖ Inserting documents :- insertOne , insertMany



```
> db.studMarks.insertOne({name:"Yash Ambekar",age:21,marks:49})
< { acknowledged: true,
  insertedId: ObjectId("634e2f12f4ee0bbaadbb2ab9") }
```

```
> db.studMarks.insertMany([{name:"Satyam Sakore",age:21,marks:46},{name:"Tejas",age:22,marks:47}])
< { acknowledged: true,
  insertedIds:
    { '0': ObjectId("634e2f84f4ee0bbaadbb2aba"),
      '1': ObjectId("634e2f84f4ee0bbaadbb2abb") } }
```

❖ Reading Documents : findOne, find

```
> db.studMarks.findOne({marks:47})
< { _id: ObjectId("634e2f84f4ee0bbaadbb2abb"),
  name: 'Tejas',
  age: 22,
  marks: 47 }
> db.studMarks.find()
< { _id: ObjectId("634e2e99788066ce476e848e"),
  name: 'Yash Ambekar',
  age: 21,
  marks: 49 }
{ _id: ObjectId("634e2f12f4ee0bbaadbb2ab9"),
  name: 'Yash Ambekar',
  age: 21,
  marks: 49 }
{ _id: ObjectId("634e2f84f4ee0bbaadbb2aba"),
  name: 'Satyam Sakore',
  age: 21,
  marks: 46 }
{ _id: ObjectId("634e2f84f4ee0bbaadbb2abb"),
  name: 'Tejas',
  age: 22,
  marks: 47 }
```

❖ Updating Documents : updateOne , updateMany

```
> db.studMarks.updateOne ({name:"Tejas"}, {$set:{age:21}})
< { acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0 }
```

```
> db.studMarks.updateMany ({age:21}, {$inc:{age:1}})
< { acknowledged: true,
  insertedId: null,
  matchedCount: 4,
  modifiedCount: 4,
  upsertedCount: 0 }
```

❖ Deleting Documents : deleteOne, deleteMany

```
> db.studMarks.deleteOne({name:"Yash Ambekar"})
< { acknowledged: true, deletedCount: 1 }
> db.studMarks.deleteMany({age:22})
< { acknowledged: true, deletedCount: 3 }
> db.studMarks.find()
<
```

❖ Drop a Collection

```
> db.studMarks.drop()
< true
```