

Name: Nikita Nagpure

Roll No: B26

Step1: Create Operation

```
> db.createCollection("Department")
< { ok: 1 }
Department> |
```

Step2: Insert Operation

```
> db.Department.insertMany([
  {Dept_id:101, Name:"Rahul Verma",Dept_name:"HR", Location:"Delhi"},
  {Dept_id:101, Name:"Neha Sharma", Dept_name:"IT", Location:"Banglore"},
  {Dept_id:103, Name:"Radhika Singh",Dept_name:"Finance", Location:"Mumbai"},
  {Dept_id:104, Name:"Amol Rathore", Dept_name:"Testing", Location:"Chennai"}
])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('690da83c17472d1bb1e6d5f2'),
    '1': ObjectId('690da83c17472d1bb1e6d5f3'),
    '2': ObjectId('690da83c17472d1bb1e6d5f4'),
    '3': ObjectId('690da83c17472d1bb1e6d5f5')
  }
}
```

Step3: View Operation

```
> db.Department.findOne({Dept_id:101})
< {
  _id: ObjectId('690da83c17472d1bb1e6d5f2'),
  Dept_id: 101,
  Name: 'Rahul Verma',
  Dept_name: 'HR',
  Location: 'Delhi'
}
```

Step4 : Update operation

```
> db.Department.updateOne({Dept_id:101},{ $set:{Location:"Gurgoan"}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

Step5: Delete Operations

```
> db.Department.deleteOne({Dept_id:102})
< {
  acknowledged: true,
  deletedCount: 0
}
```

Step6: View Data

```
> db.Department.find({})
< {
  _id: ObjectId('690da83c17472d1bb1e6d5f2'),
  Dept_id: 101,
  Name: 'Rahul Verma',
  Dept_name: 'HR',
  Location: 'Gurgoan'
}
{
  _id: ObjectId('690da83c17472d1bb1e6d5f3'),
  Dept_id: 101,
  Name: 'Neha Sharma',
  Dept_name: 'IT',
  Location: 'Banglore'
}
{
  _id: ObjectId('690da83c17472d1bb1e6d5f5'),
  Dept_id: 104,
  Name: 'Amol Rathore',
  Dept_name: 'Testing',
  Location: 'Chennai'
}
```