Name: Madhavi Raut

Roll No: B10

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'
  }
```