AIM: Demonstrate the Accessing and Storing and performing CRUD operations in

1. MongoDB
2. Redis

RUN: MongoDB shell

Code:

**Command to create a Database**

---->use StudentData

**Command to create a Collection**

---->db.createCollection("Student")

**Command to view Collection**

---->show collections

**Command to insert a single document in Collection**

---->db.Student.insertOne({"name":"Raj","Roll\_no":1,"Class":"MSc\_CS","Address":"Mumbai"})

**Command to insert multiple documents in Collection**

---->db.Student.insertMany([{"name":"Rajat","Roll\_no":2,"Class":"MSc\_CS","Address":"Kalyan"},{"name":"Manish","Roll\_no":3,"Class":"MSc\_CS","Address":"Thane"},{"name":"Rahul","Roll\_no":4,"Class":"MSc\_IT","Address":"Kalyan"},{"name":"Mohit","Roll\_no":5,"Class":"MSc\_IT","Address":"Thane"},{"name":"Karan","Roll\_no":6,"Class":"MSc\_IT","Address":"Pune"}])

**Command to view a single document(First document)**

---->db.Student.findOne()

**Command to view all documents**

---->db.Student.find()

**Command to view documents with pretty()**

---->db.Student.find().pretty()

**Command to update a single document**

---->db.Student.updateOne({"name":"Karan"},{$set:{"address":"Mumbai"}})

**Command to update many documents which satisfies the condition**

---->db.Student.updateMany({"Class":"MSc\_IT"},{$set:{"Class":"MSc\_CS"}})

**Command to delete a single document from collection**

---->db.Student.deleteOne({"name":"Mohit"})

**Command to delete multiple documents from collection**

---->db.Student.deleteMany({"Address":"Mumbai"})

**Command to drop a collection**

---->db.Student.drop()