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**Roll No: 13215**

**TE ‘B’**

**Practical No: 14**

**package MongoDB;**

**import com.mongodb.\*;**

**public class MongoDB {**

**public static void main(String[] args) {**

**MongoClient mongo=new MongoClient("localhost",27017);**

**System.out.println("Connected to the database successfully");**

**DB db=mongo.getDB("Info");**

**DBCollection table=db.createCollection("Personal",null);**

**BasicDBObject info1= new BasicDBObject();**

**info1.put("Name","Soham");**

**info1.put("Age", 20);**

**info1.put("Mobile Number","9912365723");**

**table.insert(info1);**

**BasicDBObject info2= new BasicDBObject();**

**info2.put("Name","Rohan");**

**info2.put("Age", 18);**

**info2.put("Mobile Number","78234109834");**

**table.insert(info2);**

**DBCursor cursor=table.find();**

**System.out.println("Insert Operation");**

**while(cursor.hasNext()) {**

**System.out.println(cursor.next());**

**}**

**System.out.println("Delete Operation");**

**table.remove(info1);**

**cursor=table.find();**

**while(cursor.hasNext()) {**

**System.out.println(cursor.next());**

**}**

**db.dropDatabase();**

**}**

**}**

**OUTPUT: -**

**Oct 15, 2022 4:29:15 PM com.mongodb.diagnostics.logging.JULLogger log**

**INFO: Cluster created with settings {hosts=[localhost:27017], mode=SINGLE,**

**requiredClusterType=UNKNOWN, serverSelectionTimeout='30000 ms',**

**maxWaitQueueSize=500}**

**Connected to the database successfully**

**Oct 15, 2022 4:29:15 PM com.mongodb.diagnostics.logging.JULLogger log**

**INFO: Cluster description not yet available. Waiting for 30000 ms before timing out**

**Oct 15, 2022 4:29:15 PM com.mongodb.diagnostics.logging.JULLogger log**

**INFO: Opened connection [connectionId{localValue:1, serverValue:71}] to localhost:27017**

**Oct 15, 2022 4:29:15 PM com.mongodb.diagnostics.logging.JULLogger log**

**INFO: Monitor thread successfully connected to server with description**

**ServerDescription{address=localhost:27017, type=STANDALONE, state=CONNECTED,**

**ok=true, version=ServerVersion{versionList=[6, 0, 2]}, minWireVersion=0,**

**maxWireVersion=17, maxDocumentSize=16777216, logicalSessionTimeoutMinutes=30,**

**roundTripTimeNanos=2461300}**

**Oct 15, 2022 4:29:15 PM com.mongodb.diagnostics.logging.JULLogger log**

**INFO: Opened connection [connectionId{localValue:2, serverValue:72}] to localhost:27017**

**Insert Operation**

**{"\_id": {"$oid": "634a928369c33c2837c84651"}, "Name": "Soham", "Age": 20, "Mobile**

**Number": "9912365723"}**

**{"\_id": {"$oid": "634a928369c33c2837c84652"}, "Name": "Rohan", "Age": 18, "Mobile**

**Number": "78234109834"}**

**Delete Operation**

**{"\_id": {"$oid": "634a928369c33c2837c84652"}, "Name": "Rohan", "Age": 18, "Mobile**

**Number": "78234109834"}**