**Program:**

Inserting data:

/\*

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 \* and open the template in the editor.

 \*/

package javaapplication2;

import com.mongodb.client.MongoCollection;

import com.mongodb.client.MongoDatabase;

import org.bson.Document;

import com.mongodb.MongoClient;

import com.mongodb.MongoCredential;

public class mongo\_class {

      public static void main( String args[] ) {

      // Creating a Mongo client

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

      // Creating Credentials

      MongoCredential credential;

      credential = MongoCredential.createCredential("sampleUser", "student",

         "password".toCharArray());

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

      // Accessing the database

      MongoDatabase database = mongo.getDatabase("student");

      /\* Retrieving a collection\*/

      MongoCollection<Document> collection = database.getCollection("department");

      System.out.println("Collection department selected successfully");

      Document document = new Document("title", "MongoDB")

      .append("id", 1)

      .append("description", "department")

      .append("code", "IT")

      .append("name", "Information Technology");

      collection.insertOne(document);

      System.out.println("Document inserted successfully");

   } }

Retrieving data:

/\*

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 \* and open the template in the editor.

 \*/

package javaapplication2;

/\*\*

 \*

 \* @author Admin

 \*/

import com.mongodb.client.FindIterable;

import com.mongodb.client.MongoCollection;

import com.mongodb.client.MongoDatabase;

import java.util.Iterator;

import org.bson.Document;

import com.mongodb.MongoClient;

import com.mongodb.MongoCredential;

public class Retriveall {

   public static void main( String args[] ) {

       // Creating a Mongo client

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

      // Creating Credentials

      MongoCredential credential;

      credential = MongoCredential.createCredential("sampleUser", "student",

         "password".toCharArray());

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

      // Accessing the database

      MongoDatabase database = mongo.getDatabase("student");

      // Retrieving a collection

      MongoCollection<Document> collection = database.getCollection("department");

      System.out.println("Collection sampleCollection selected successfully");

      // Getting the iterable object

      FindIterable<Document> iterDoc = collection.find();

      int i = 1;

      // Getting the iterator

      Iterator it = iterDoc.iterator();

 while (it.hasNext()) {

         System.out.println(it.next());

      i++;

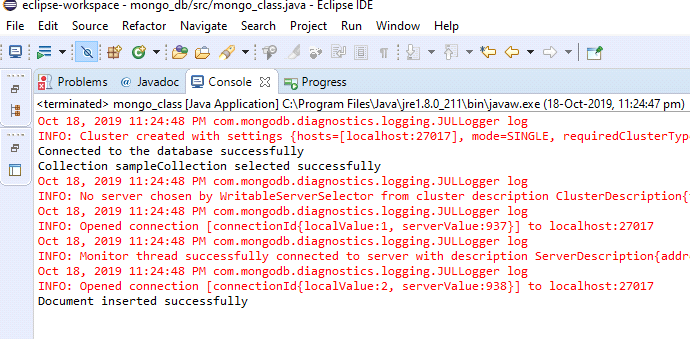
      }

   }

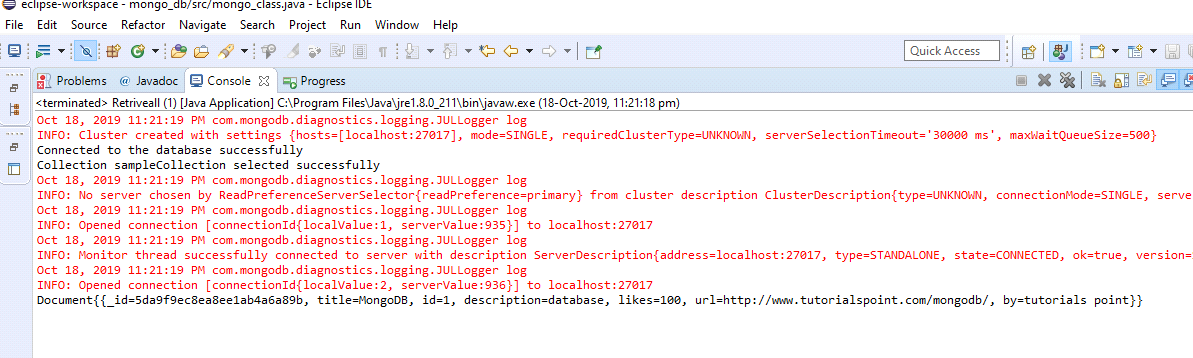
}

**Screenshots:**

Inserting data:



Retrieving data:



MongoDB Database:

