

# DBMS Assignment C1

## Program:

```
package com.company;

import com.mongodb.DB;
import com.mongodb.client.FindIterable;
import com.mongodb.client.MongoCollection;
import com.mongodb.client.MongoDatabase;
import com.mongodb.MongoClient;
import com.mongodb.ServerAddress;
import org.bson.Document;

import java.rmi.UnknownHostException;
import java.util.Iterator;
import java.util.List;
import java.util.Set;

public class Main {

    public static void main(String[] args) {

        MongoClient mongoClient = new MongoClient("localhost");

        List<String> databases = mongoClient.getDatabaseNames();

        MongoDatabase database = mongoClient.getDatabase("Student");
        //mescoe: database name

        // Retrieving a collection
```

```

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

//te_comp: collection

System.out.println("Collection student info 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++;

}

mongoClient.close();

}

}*****
*
```

## Output:

```

Collection student info selected successfully
Document{{_id=5dce4e9ff68a9c2449e197b2, name=Dhruvil, roll=1, age=20}}
Document{{_id=5dce4e9ff68a9c2449e197b3, name=Soham, roll=2, age=20}}

*****
```