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Class: SY	Division: B		Roll No: 272028
Semester: 4 th		Academic Year: 2022-23	
Subject Name & Code: ADUA22206: Web Technology			
Title of Assignment: Assignment No 7: Develop an application for a Library Management System using Node.js and MongoDB.			

Aim: To perform MongoDB database connectivity.

Problem Statement: MongoDB database connectivity.

Code:

Dbconnect.js

```
var MongoClient=require('mongodb').MongoClient;var
url='mongodb://localhost:27046/Moviee';
MongoClient.connect(url,function(err,db){
    if(err) throw err;

    var dbm = db.db("Moviee"); dbm.createCollection("Name_m",function(err,result){
        if(err) throw err;

        console.log('collection is created successfully !!!!!');db.close();
    });
});
```

dbinsert.js

```
var MongoClient=require('mongodb').MongoClient;var
url='mongodb://localhost:27046/Moviee';
MongoClient.connect(url,function(err,db){
    if(err) throw err;

    var dbo=db.db("Moviee");var record = [

        { "name": "Batman", "Rate": 9.4 },
        { "name": "Joker", "Rate": 9.3 },
        { "name": "300", "Rate": 8.7 },
        { "name": "The Green Knight", "Rate": 8.9 },
        { "name": "John Wick", "Rate": 9.9 }

    ];
    dbo.collection("Name_m").insertMany(record,function(err,result){if(err) throw err;

        console.log("All Record inserted successfully !!!!!");db.close();

    });
});
```

dbretrive.js

```
var MongoClient=require('mongodb').MongoClient;var
url='mongodb://localhost:27046/Moviee';
MongoClient.connect(url,function(err,db){
  if(err) throw err;

  var dbo=db.db("Moviee"); dbo.collection("Name_m").find({ }).toArray(function(err, result){
    if(err) throw err;
    console.log(result);
    db.close();
  });
});
```

Output:

dbconnect.js

```
$ node dbconnect.js
collection is created successfully !!!!!
```

dbinsert.js

```
$ node dbinsert.js
All Record inserted succesfully !!!!
```

dbretrive.js

```
$ node dbretrive.js
[
  {
    _id: new ObjectId("6257f5059f7beb406a7e73c8"),
    name: 'Batman',
    Rate: 9.4
  },
  {
    _id: new ObjectId("6257f5059f7beb406a7e73c9"),
    name: 'Joker',
    Rate: 9.3
  },
  {
    _id: new ObjectId("6257f5059f7beb406a7e73ca"),
    name: '300',
    Rate: 8.7
  },
  {
    _id: new ObjectId("6257f5059f7beb406a7e73cb"),
    name: 'The Green Knight',
    Rate: 8.9
  },
  {
    _id: new ObjectId("6257f5059f7beb406a7e73cc"),
    name: 'John Wick',
    Rate: 9.9
  }
]
```

Conclusion: Thus, we successfully perform MongoDB database connectivity.