

Task: Design DB model for Guvi Zen class

Created a DB model for guvi zen class

Table name : **guvi_zenDB**

Collections:

- **courses**
- **lessons**
- **users**

```
test> use guvi_zenDB //created DB
```

switched to db guvi_zenDB

```
//created users collection to guvi_zenDB
```

```
guvi_zenDB> db.users.insertOne({  
  username: "swetha",  
  email: "swe@gmail.com",  
  password: 'hashed_password',  
  role: 'student',  
  full_name: 'swetha venkatesan'})
```

```
{  
  acknowledged: true,  
  insertedId: ObjectId('661521179777a350d9f990a')  
}
```

```
//creating course collection to guvi_zenDB
```

```
guvi_zenDB> db.courses.insertOne({  
  title: 'full stack Development',  
  description: 'Learn full stack development from scratch',  
  level: 'beginner',  
  duration: '3 months'})
```

```
{
  acknowledged: true,
  insertedId: ObjectId('661521ef97777a350d9f990b')
}
```

//inserting collection lesson

```
guvi_zenDB> db.lessons.insertMany([
  {
    title: 'Introduction to HTML',
    content: 'HTML basics and structure',
    order: 1},
  {
    title: 'Introduction to CSS',
    content: 'CSS basics and structure',
    order: 2},
  {
    title: 'Introduction to JAVASCRIPT',
    content: 'JAVASCRIPT basics and structure',
    order: 3},
  {
    title: 'Introduction to REACT JS',
    content: 'REACT JS basics and structure',
    order: 4},
  {
    title: 'Introduction to NodeJS AND MongoDB',
    content: 'NodeJS AND MongoDB basics and structure',
    order: 5}])
```

```
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('661522ac97777a350d9f990c'),
    '1': ObjectId('661522c897777a350d9f990d'),
    '2': ObjectId('661522e097777a350d9f990e'),
    '3': ObjectId('661522fc97777a350d9f990f'),
    '4': ObjectId('6615231b97777a350d9f9910')
  }
}
```

```
//showing collections created in guvi_zenDB
guvi_zenDB> show collections
```

courses

lessons

users

```
guvi_zenDB> db.users.find()
```

```
[
  {
    _id: ObjectId('6615211797777a350d9f990a'),
    username: 'swetha',
    email: 'swe@gmail.com',
    password: 'hashed_password',
    role: 'student',
    full_name: 'swetha venkatesan'
  }
]
```

```
guvi_zenDB> db.courses.find()
```

```
[
  {
    _id: ObjectId('661521ef97777a350d9f990b'),
    title: 'full stack Development',
    description: 'Learn full stack development from scratch',
    level: 'beginner',
    duration: '3 months'
  }
]
```

```
guvi_zenDB> db.lessons.find()
```

```
[
  {
```

```

    _id: ObjectId('6615313c97777a350d9f9913'),
    title: 'Introduction to HTML',
    content: 'HTML basics and structure',
    order: 1
  },
  {
    _id: ObjectId('6615313c97777a350d9f9914'),
    title: 'Introduction to CSS',
    content: 'CSS basics and structure',
    order: 2
  },
  {
    _id: ObjectId('6615313c97777a350d9f9915'),
    title: 'Introduction to JAVASCRIPT',
    content: 'JAVASCRIPT basics and structure',
    order: 3
  },
  {
    _id: ObjectId('6615313c97777a350d9f9916'),
    title: 'Introduction to REACT JS',
    content: 'REACT JS basics and structure',
    order: 4
  },
  {
    _id: ObjectId('6615313c97777a350d9f9917'),
    title: 'Introduction to NodeJS AND MongoDB',
    content: 'NodeJS AND MongoDB basics and structure',
    order: 5
  }
]

```

