Interview Experience Tracker

Database Using MongoDB

Open MongoDB :

```
Microsoft Windows [Version 10.0.26200.7462]
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C:\Users\Mani>mongosh
Current Mongosh Log ID: 693d7e5ba9229ce1741e2620
Connecting to:          mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=
2000&appName=mongosh+2.5.10
Using MongoDB:          8.2.2
Using Mongosh:          2.5.10

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

------
   The server generated these startup warnings when booting
   2025-12-11T14:30:07.579+05:30: Access control is not enabled for the database. Read and write a
ccess to data and configuration is unrestricted
------

test> |
```

Create Database:

```
test> use interviewDB
switched to db interviewDB
interviewDB> |
```

Create Collections:

```
interviewDB> db.interviews.insertOne({Company:"Zoho"})
{
  acknowledged: true,
  insertedId: ObjectId('693d83afa9229ce1741e2622')
}
interviewDB> |
```

Insert Proper One:

```
interviewDB> db.interviews.insertOne({company:"Zoho",role:"Frontend Developer",reason:"Low JavaScr
ipt Knowledge",roundCleared:2,retry:true})
{
  acknowledged: true,
  insertedId: ObjectId('693d8567a9229ce1741e2623')
}
interviewDB>
```

Use pretty() Read Queries:

```
interviewDB> db .interviews.find().pretty()
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  }
]
interviewDB>
```

InsertMany:

```
interviewDB> db.interviews.insertMany([{company:"TCS",role:"MERN Stack Developer",reason:"Weak DSA/Logic Build
ing",roundCleared:2,retry:true},{company:"Infosys",role:"Backend Developer",reason:"Poor React Fundamentals",r
oundCleared:3,retry:false},{company:"Wipro",role:"Fullstack Developer",reason:"Lack of Project Explanation",ro
undCleared:3,retry:true},{company:"Congizent",role:"React Developer",reason:"Communication Issues",roundCleare
d:1,retry:true},{company:"Accenture",role:"Node.js Developer",reason:"Low Problem-Solving Speed",roundCleared:
2,retry:false},{company:"HCL Technoligies",role:"UI/UX Developer",reason:"Incomplete Backend Knowledge",roundC
leared:3,retry:true}])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('693d8a7aa9229ce1741e2625'),
    '1': ObjectId('693d8a7aa9229ce1741e2626'),
    '2': ObjectId('693d8a7aa9229ce1741e2627'),
    '3': ObjectId('693d8a7aa9229ce1741e2628'),
    '4': ObjectId('693d8a7aa9229ce1741e2629'),
    '5': ObjectId('693d8a7aa9229ce1741e262a')
  }
}
```

Use pretty() queries:

```
interviewDB> db.interviews.find().pretty()
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  },
  { _id: ObjectId('693d86daa9229ce1741e2624') },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2625'),
    company: 'TCS',
    role: 'MERN Stack Developer',
    reason: 'Weak DSA/Logic Building',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2626'),
    company: 'Infosys',
    role: 'Backend Developer',
    reason: 'Poor React Fundamentals',
    roundCleared: 3,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
```

Find() All data:

```
interviewDB> db.interviews.find()
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  },
  { _id: ObjectId('693d86daa9229ce1741e2624') },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2625'),
    company: 'TCS',
    role: 'MERN Stack Developer',
    reason: 'Weak DSA/Logic Building',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2626'),
    company: 'Infosys',
    role: 'Backend Developer',
    reason: 'Poor React Fundamentals',
    roundCleared: 3,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2628'),
    company: 'Congizent',
    role: 'React Developer',
    reason: 'Communication Issues',
    roundCleared: 1,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2629'),
    company: 'Accenture',
    role: 'Node.js Developer',
    reason: 'Low Problem-Solving Speed',
    roundCleared: 2,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e262a'),
    company: 'HCL Technoligies',
    role: 'UI/UX Developer',
    reason: 'Incomplete Backend Knowledge',
```

```
},
{
  _id: ObjectId('693d8a7aa9229ce1741e2627'),
  company: 'Wipro',
  role: 'Fullstack Developer',
  reason: 'Lack of Project Explanation',
  roundCleared: 3,
  retry: true
},
{
  _id: ObjectId('693d8a7aa9229ce1741e2628'),
  company: 'Congizent',
  role: 'React Developer',
  reason: 'Communication Issues',
  roundCleared: 1,
  retry: true
},
{
  _id: ObjectId('693d8a7aa9229ce1741e2629'),
  company: 'Accenture',
  role: 'Node.js Developer',
  reason: 'Low Problem-Solving Speed',
  roundCleared: 2,
  retry: false
},
{
  _id: ObjectId('693d8a7aa9229ce1741e262a'),
  company: 'HCL Technoligies',
  role: 'UI/UX Developer',
  reason: 'Incomplete Backend Knowledge',
  roundCleared: 3,
  retry: true
}

terviewDB> |
```

Fillter One Data:

```
interviewDB> db.interviews.find({reason:"Low JavaScript Knowledge"})
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  }
]
```

Use Query Operator($gt):

```
interviewDB> db.interviews.find({roundCleared:{$gt:2}})
[
  {
    _id: ObjectId('693d8a7aa9229ce1741e2626'),
    company: 'Infosys',
    role: 'Backend Developer',
    reason: 'Poor React Fundamentals',
    roundCleared: 3,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e262a'),
    company: 'HCL Technoligies',
    role: 'UI/UX Developer',
    reason: 'Incomplete Backend Knowledge',
    roundCleared: 3,
    retry: true
  }
]
```

Use Query Operator($lt):

```
interviewDB> db.interviews.find({roundCleared:{$lt:2}})
[
  {
    _id: ObjectId('693d8a7aa9229ce1741e2628'),
    company: 'Congizent',
    role: 'React Developer',
    reason: 'Communication Issues',
    roundCleared: 1,
    retry: true
  }
]
```

UpdateOne() Data:

```
interviewDB> db.interviews.updateOne({company:"Zoho"},{$set:{retry:"false"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

```
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: 'false'
  },
```

UpdateMany() Data:

```
interviewDB>  db.interviews.updateMany({retry:false},{$set:{retry:true}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 2,
  modifiedCount: 2,
  upsertedCount: 0
}
interviewDB>
```

DeleteOne() Data :

```
interviewDB> db.interviews.deleteOne({company:"TCS"})
{ acknowledged: true, deletedCount: 1 }
interviewDB>
```

DeleteMany():

```
interviewDB> db.interviews.deleteMany({company:"Infosys"},{company:"Zoho"})
{ acknowledged: true, deletedCount: 1 }
interviewDB>
```

Use $exists Operator:

```
interviewDB> db.interviews.find({reason:{$exists:true}})
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2628'),
    company: 'Congizent',
    role: 'React Developer',
    reason: 'Communication Issues',
    roundCleared: 1,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2629'),
    company: 'Accenture',
    role: 'Node.js Developer',
    reason: 'Low Problem-Solving Speed',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e262a'),
    company: 'HCL Technoligies',
    role: 'UI/UX Developer',
    reason: 'Incomplete Backend Knowledge',
    roundCleared: 3,
    retry: true
```