

## DAY 36 - TASK

1. Find all the topics and tasks which are thought in the month of October

```
<
> db["topic"].find({month:"october"})
< {
  _id: ObjectId('66e7029fdbedfda9a6f6a833'),
  topic: 'javascript',
  month: 'october',
  task: 'functions'
}
{
  _id: ObjectId('66e7029fdbedfda9a6f6a835'),
  topic: 'MongoDB',
  month: 'october',
  task: 'Oops'
}
Atlas atlas-pa2jwt-shard-0 [primary] guvidb>
```

2. Find all the company drives which appeared between 15 oct-2020 and 31-oct-2020

```
> db.company_drives.find({date:{$gt:"2020-10-15",$lt:"2020-10-31"}})
< {
  _id: ObjectId('66e70472dbedfda9a6f6a844'),
  company_name: 'cts',
  date: '2020-10-16',
  students_appeared: 'Anitha, vindo'
}
{
  _id: ObjectId('66e70472dbedfda9a6f6a845'),
  company_name: 'tcs',
  date: '2020-10-27',
  students_appeared: 'Jijo, Karthik'
}
Atlas atlas-pa2jwt-shard-0 [primary] guvidb>
```

3. Find all the company drives and students who are appeared for the placement.

```
> db.company_drives.find().forEach(function(value){
    print("Company Name : "+value.company_name);
    print("Students Appeared : "+value.students_appeared);
})
< Company Name : hcl
< Students Appeared : Harsh, Mukesh
< Company Name : cts
< Students Appeared : Anitha, vindo
< Company Name : tcs
< Students Appeared : Jijo, Karthik
< Company Name : zoho
< Students Appeared : Swetha, Vishnupriya
< Company Name : guvi
< Students Appeared : Gowtham, Nishand
Atlas atlas-pa2jwt-shard-0 [primary] guvidb>
```

4. Find the number of problems solved by the user in codekata

```
> db.codekata.find().forEach(function(value){
    print("Name : "+value.user_name);
    print("Problems Solved : "+value.problems_solved)
})
< Name : jijo
< Problems Solved : 88
< Name : mukesh
< Problems Solved : 18
< Name : harsh
< Problems Solved : 48
< Name : nishand
< Problems Solved : 58
< Name : vishnu
< Problems Solved : 45
< Name : karthik
< Problems Solved : 91
```

5. Find all the mentors with who has the mentee's count more than 15

```
> db.mentors.find({mentees_count:{$gt:15}})
< {
  _id: ObjectId('66e7031ddbedfda9a6f6a83b'),
  mentor_name: 'sai',
  mentees_count: 35
}
Atlas atlas-pa2jwt-shard-0 [primary] guvidb> |
```

6. Find the number of users who are absent and task is not submitted between 15 oct-2020 and 31-oct-2020

```
> db.tasks.find({date:{$gt:"2020-10-15",$lt:"2020-10-31"}}).forEach(function(value){
  print("Name : "+value.user_name);
  print("Attendance :"+value.attendance);
  print("Task : "+value.task_submission)
})
< Name : nishnad
< Attendance :absent
< Task : submitted
< Name : vindo
< Attendance :absent
< Task : submitted
< Name : swetha
< Attendance :present
< Task : submitted
Atlas atlas-pa2jwt-shard-0 [primary] guvidb> |
```