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

db.tasks.aggregate([

{

$lookup : {

from: 'topics',

localField: 'topic\_id',

foreignField: 'topic\_id',

as : 'userDetails'

}

},

{$match : {date : 'oct'}},

])

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

db.company\_drives.find({drive\_date:{$lt:'31-oct-2020',$gt:'15-oct-2020'}})

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

🡺 db.company\_drives.find()

🡺 db.users.find({placement:'yes'})

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

db.codekata.aggregate([

{

$lookup : {

from: 'users',

localField: 'user\_id',

foreignField: 'id',

as : 'noOfProblemSoleved'

}

}

])

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

db.mentors.find({mentees:{$gt:15}})

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

🡪db.attendence.find({attendance:'absent'})

🡪 db.tasks.find({date :{$not : {$lt:'31-oct-2020', $gt:'15-oct-2020'}}})