**MongoDB Task**

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

Solution :

db.topics.find({ "date":

{ "$gte": ISODate("2020-10-01"),

"$lt": ISODate("2020-11-01") }

});

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

Solution :

db.companydrive.find({ "drive\_date":

{ "$gte": ISODate("2020-10-15"),

"$lte": ISODate("2020-10-31") }

});

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

Solution :

db.companydrive.aggregate([

... {

... $lookup: {

... from: "users",

... localField: "students",

... foreignField: "\_id",

... as: "student\_details"

... }

... },

... {

... $project: {

... company\_name: 1,

... drive\_date: 1,

... "student\_details.name": 1

... }

... }

... ]);

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

Solution :

db.codekata.aggregate([ { $group:

{ \_id: "$user\_id",

total\_problems\_solved: { $sum: "$problems\_solved" }

} }] );

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

Solution :

db.mentor.find({ "mentees\_count": { "$gt": 15 } });