ASSIGNMENT - 04

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

Ans 1.

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

Ans 2.

```
> db.company_drives.find({date:{$gte:ISODate("2020-10-15"),$lte:ISODate("2020-10-31")}}).pretty()

{
    "_id": ObjectId("821a7d052738e5415c7fe302"),
    "company_id": 2,
    "company_name": "Adobe",
    "user_id": 4,
    "date": ISODate("2020-10-22T22:19:58Z")

}
{
    "_id": ObjectId("821a7d052738e5415c7fe304"),
    "company_id": 9,
    "company_id": 9,
    "company_name": "Dell",
    "user_id": 6,
    "date": ISODate("2020-10-20T22:19:58Z")
}
```

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

Ans 3.

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

Ans 4.

```
> db.codekata.find().pretty()

{
        "_id" : ObjectId("821a5f012738e5415c7fe1d6"),
        "user_id" : 7,
        "problems " : 60
}

{
        "_id" : ObjectId("821a5f012738e5415c7fe1d3"),
        "user_id" : 16,
        "problems " : 55
}
```

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

Ans 5.

```
> db.mentors.aggregate([
... {
... 'Slookup': {
... 'from!: 'users',
... 'localField': 'mentor_id',
... 'foreignField: 'mentor_id',
... 'as': 'students'
... }
... }, {
... 'Sproject': {
... 'mentor_id': 1,
... 'mentor_name': 1,
... 'menteeCount': {
... 'ssize': 'Sstudents'
... }
... }
... }
... }
... }
... Smatch': {
... 'menteeCount': {
... 'sgt': 15
... Activate Windows
... So to Settings to activate Windows
... }
... }
```

```
... 'mentor_name': 1,
... 'menteeCount': {
... 'Ssize': 'Sstudents'
... }
... }
... }
... 'Smatch': {
... 'sgt': 15
... }
... }
... }
... }
... ]).pretty()

{
    "__id" : ObjectId("821a5e0e2738e5415c7fe1ae"),
    "mentor_id" : 30,
    "mentor_name" : "Sam",
    "menteeCount" : 18
}
```