Created all collections for zen class program

A screen shot of a computer program

Description automatically generated

Showing Zen class portal DB

A screen shot of a computer

Description automatically generated

Show all collections in ZenClaaPortal

A black screen with white text

Description automatically generated

Collections and documents

A screenshot of a computer

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db.topics.find({"thought\_in\_month":10});

db.tasks.find({"submission\_date":{$gte:"2020-10-01", $lte:"2020-10-31"}});A screenshot of a computer program

Description automatically generated



db.company\_drives.find({"date":{$gte:"2020-10-15", $lte:"2020-10-31"}});A computer screen shot of a black screen

Description automatically generated



db.company\_drives.aggregate([

{

$lookup: {

from: "users",

localField: "Students\_Attended",

foreignField: "user\_id",

as: "students"

}

},

{

$project: {

drive\_id: 1,

drive\_name: 1,

date: 1,

students: "$students.name"

}

}

])

A screenshot of a computer screen

Description automatically generated

A computer screen with green text

Description automatically generated



db.codekata.aggregate([

{ $group: {

\_id: "$user\_id",

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

}},

{ $lookup: {

from: "users",

localField: "\_id",

foreignField: "user\_id",

as: "user\_details"

}},

{ $unwind: "$user\_details" },

{ $project: {

user\_id: "$\_id",

name: "$user\_details.name",

problems\_solved: 1

}}

])

A computer screen shot of a computer code

Description automatically generated



db.mentors.aggregate([

{ $match: {

$expr: { $gte: [ { $size: "$students" }, 15 ] }

}},

{ $project: {

mentor\_name: 1,

total\_students: { $size: "$students" }

}}

]);

A screenshot of a computer

Description automatically generated

A close up of a white background

Description automatically generated

db.attendance.find({ "date": { $gte: "2020-10-15", $lte: "2020-10-31" }, "status": "absent" })

A black screen with green text

Description automatically generated