MongoDB Task – 2

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

Query:

db.topics.aggregate( [ { $lookup: { from: 'tasks', localField: 'id', foreignField: 'topic\_id', as: 'tasks' } },

{ $match: { tasks: { $elemMatch: { date: { $gte: ISODate( '2024-10-01T00:00:00.000Z' ), $lte: ISODate( '2024-10-31T00:00:00.000Z' ) } } } } }], { maxTimeMS: 60000, allowDiskUse: true } );

Output:

{

\_id: ObjectId('664c3417e4b9b03e4ce9049e'),

id: 1,

name: 'Functions',

date: 2024-10-02T00:00:00.000Z,

tasks: [

{

\_id: ObjectId('664c3324e4b9b03e4ce9049a'),

id: 1,

topic\_id: 1,

name: 'write a function to find the sum of two numbers',

date: 2024-10-02T00:00:00.000Z

}

]

}

{

\_id: ObjectId('664c3417e4b9b03e4ce9049f'),

id: 2,

name: 'Bootstrap',

date: 2024-10-15T00:00:00.000Z,

tasks: [

{

\_id: ObjectId('664c3324e4b9b03e4ce9049b'),

id: 2,

name: 'Cart Bootstrap Design',

date: 2024-10-15T00:00:00.000Z,

topic\_id: 2

}

]

}

{

\_id: ObjectId('664c346ce4b9b03e4ce904a0'),

id: 3,

name: 'ES5 vs ES6 in JS',

date: 2024-10-17T00:00:00.000Z,

tasks: [

{

\_id: ObjectId('664c337ae4b9b03e4ce9049c'),

id: 3,

topic\_id: 3,

name: 'write a arrow function to print rest countrie',

date: 2024-10-17T00:00:00.000Z

}

]

}

{

\_id: ObjectId('664c346ce4b9b03e4ce904a1'),

id: 4,

name: 'MongoDB',

date: 2024-10-20T00:00:00.000Z,

tasks: [

{

\_id: ObjectId('664c337ae4b9b03e4ce9049d'),

id: 4,

name: 'Create a React App',

date: 2024-10-20T00:00:00.000Z,

topic\_id: 4

}

]

}