ASSIGNMENT 6 (BEE)

1. **Find Eligible Employees:**

db.employees.find({

$or: [

{ age: { $gt: 30 } },

{ experience: { $gt: 5 } }

]

})

1. **Verify Product Stock and Price:**

db.products.find({

stock: { $gt: 0 },

price: { $lt: 50 }

})

1. **Check Student Enrollment:**

db.students.find({

$or: [

{ enrolled: false },

{ grade: { $lt: "C" } }

]

})

1. **Filter Courses with Duration and Instructor:**

db.courses.find({

$or: [

{ duration: { $lt: 6 } },

{ instructor: { $exists: false } }

]

})

1. **Locate Absent Orders:**

db.orders.find({

$or: [

{ status: { $ne: "shipped" } },

{ shipped\_date: { $exists: false } }

]

})

1. **Find Non-Engineering Employees:**

db.employees.find(

{

department: { $nin: ["Engineering", "IT"] }

},

{

name: 1,

department: 1,

\_id: 0

}

)

1. **Check Student Exam Eligibility:**

db.students.find({

exam\_score: { $lt: 50 },

participation: false

})

1. **Mixed Department Filter:**

db.employees.find({

department: "Sales",

$or: [

{ experience: { $gt: 3 } },

{ age: { $lt: 25 } }

]

})

1. **Inventory Check:**

db.inventory.find({

$or: [

{ price: { $exists: true, $lt: 100 } },

{ stock: { $exists: false } }

]

})

1. **Uncommon Courses:**

db.courses.find({

instructor: { $ne: "Jay Joseph" },

duration: { $not: { $gt: 10 } }

})