1.Create a database named Employee. Create a collection named empDetails

You can use any of the fields Name, Age ,e\_mail, phone,salary

1. Insert 5 documents in it using the different insert() methods and

db.createCollection("empDetails")

db.empDeatils.insert({name:"chinju",age:21,email:"acbc@gmail.com",phone:2789084,salary:2000})

db.empDeatils.insert({name:"anu",age:62,email:"bc@gmail.com",phone:7655,salary:4500})

db.empDeatils.insert({name:"raju",age:21,email:"dgv@gmail.com",phone:5768599,salary:20000})

db.empDeatils.insert({name:"mohan",age:52,email:"erc@gmail.com",phone:235578,salary:2600})

db.empDeatils.insert({name:"sanju",age:40,email:"ghgh@gmail.com",phone:646768,salary:6000})

db.empDeatils.find()

1. Find the details of employee whose name is mohan

{

"\_id" : ObjectId("6299aeedefea42a4de65000f"),

"name" : "mohan",

"age" : 52,

"email" : "erc@gmail.com",

"phone" : 235578,

"salary" : 2600

}

1. Fetch the documents of employees whose salary >=5000

db.empDeatils.find({"salary":{$gte:5000}})

{

"\_id" : ObjectId("6299aeedefea42a4de65000e"),

"name" : "raju",

"age" : 21,

"email" : "dgv@gmail.com",

"phone" : 5768599,

"salary" : 20000

}

{

"\_id" : ObjectId("6299aeedefea42a4de650010"),

"name" : "sanju",

"age" : 40,

"email" : "ghgh@gmail.com",

"phone" : 646768,

"salary" : 6000

}

1. Find the documents of employees whose name starts with letter r

db.empDeatils.find({"name":/^r/})

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab36"),

"name" : "raju",

"age" : 21,

"email" : "dgv@gmail.com",

"phone" : 5768599,

"salary" : 20000

}

1. Find the documents of employees whose name is not in mohan , raju, bhuvan

db.empDeatils.find({"name":{$nin:["mohan","raju"]}})

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab34"),

"name" : "chinju",

"age" : 21,

"email" : "acbc@gmail.com",

"phone" : 2789084,

"salary" : 2000

}

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab35"),

"name" : "anu",

"age" : 62,

"email" : "bc@gmail.com",

"phone" : 7655,

"salary" : 4500

}

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab38"),

"name" : "sanju",

"age" : 40,

"email" : "ghgh@gmail.com",

"phone" : 646768,

"salary" : 6000

}

1. Find the documents of employees whose names are mohan , raju, bhuvan

db.empDeatils.find({"name":{$in:["mohan","raju"]}})

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab36"),

"name" : "raju",

"age" : 21,

"email" : "dgv@gmail.com",

"phone" : 5768599,

"salary" : 20000

}

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab37"),

"name" : "mohan",

"age" : 52,

"email" : "erc@gmail.com",

"phone" : 235578,

"salary" : 2600

}

1. Retrieve the details of employees whose age is less than 30. Display only the fields name, salary

.db.empDeatils.find({age:{$lt:30}},{name:1,salary:1})

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab34"),

"name" : "chinju",

"salary" : 2000

}

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab36"),

"name" : "raju",

"salary" : 20000

}

1. Find the details of employees whose salary is >5000 and age is < 30

db.empDeatils.find({$and:[{age:{$lt:30}},{salary:{$gt:5000}}]})

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab36"),

"name" : "raju",

"age" : 21,

"email" : "dgv@gmail.com",

"phone" : 5768599,

"salary" : 20000

}

1. Update the e-mail of employee whose name is mohan // findOneAndUpdate()

db.empDeatils.update({name:"mohan"},{$set:{email:"mymail@gmail.com"}})

db.empDeatils.findOneAndUpdate({name:"mohan"},{$set:{email:"mymail@gmail.com"}})

{

"\_id" : ObjectId("629acb7a9d9d94a998cfab37"),

"name" : "mohan",

"age" : 52,

"email" : "mymail@gmail.com",

"phone" : 235578,

"salary" : 2600

}

1. Delete all the documents of employees whose age>56

db.empDeatils.deleteMany({age:{$gt:56}})