To show all the documents in mongodb i.e.,
 db.collectionname.find()

1.How many documents are there in the collection?
ans. db.users.find().count()

2.Retrieve all documents where the role is "admin".
ans. db.users.find({role:"admin"})

3. Find all documents where the role is "customer" and the username contains "Karamchandani".
ans.   db.users.find({role:"customer", lastname:"karamchandani"})

4.Retrieve the document with the username "Sumanth Rao".
ans. db.users.find({username:"Sumant Rao"})

5.Find all documents where the role is "customer" and the gender is "Female".
ans. db.users.find({role:"customer", gender:"Female"})

6.Find all documents where the role is "admin" and the gender is "Male".
ans. db.users.find({role:"admin", gender:"Male"})

7.Retrieve all documents where the user cite is "Jaipur" and the gender is "Female".
ans. db.users.find({city:"Jaipur", gender:"Female"})

8.Retrieve all documents where the user city is "kolkata" and the gender is "Female".
ans. db.users.find({city:"kolkata", gender:"Female"})

9.Find all documents where the city is "Jaipur" and the gender is "Female" and role is "admin"
ans. db.users.find({city:"Jaipur", gender:"Female",role:"admin"})

10.Find all documents where the user's first name starts with "R"
ans. db.users.find({firstName:"/^R/})

11.Retrieve all documents where the user has the skill "Python"
ans. db.users.find({skills:"Python"})

12.Find all documents where the user has the skill "Java" and "Python"
ans. db.users.find({skills:{$all:["Java","Python"]}})

13.Find all documents where the user has the skill "Javascript" and "Python"
ans. db.users.find({skills:{$all:["Javascript","Python"]}})

14.Find all documents where the user has the skill "React" and "Python"
ans. db.users.find({skills:{$all:["React","Python"]}})

15.Find all documents where the user has the skill "React", "Python" and "Java"
ans. db.users.find({skills:{$all:["React","Python","Java"]}})

16.Retrieve all documents where the user's first name is "Aryan" or the last name is "Gupta"
ans. db.users.find({$or:[{firstName:"Aryan"}, {lastname:"Gupta"}]})

17.Retrieve all documents where the user's city is from "kolkata" or the gender is "Female"
ans. db.users.find({$or:[{city:"kolkata"}, {gender:"Female"}]})

18.Retrieve all documents where the user's city is from "kolkata" or   "Delhi"
ans. db.users.find({$or:[{city:"kolkata"}, {city:"Delhi"}]})

19.Find all documents where the user has the skill "Java" but not "Python".
ans. db.users.find({$and:[{skills:"Java"},{skills:{$ne:"Python"}}]})

20.Find all documents where the user has the skill "React" but not "Java".
ans. db.users.find({$and:[{skills:"React"},{skills:{$ne:"Java"}}]})

21.Retrieve all documents where the user's last name is "Sharma" and the role is "customer".
ans. db.users.find({lastname:"Sharma", role:"customer"})

22.Find all documents where the user has exactly three skills.
ans. db.users.find({skills:{$size:3}})

23.Retrieve all documents where the user's first name starts with "S" and the role is "admin".
ans. db.users.find({firstName:"/^S/",role:"admin"})

24.Find all documents where the user has the skill "Java" and the role is not "admin".
ans. db.users.find({skills:"Java", role:{$ne:"admin"}})

25.Retrieve all documents where the user's role is not specified.
ans. db.users.find({role:{$exists:false}})

26.Find all documents where the user has at least four skills.
ans. db.users.find({$expr:{$gte:{{$size:"$skills"},4}}})

27.Retrieve all documents where the user's role is "customer" and the user has no specified skills.
ans. db.users.find({role:"customer",skills:{$exists:false}})

28.Find all documents where the user's email contains "regexsoftware.com".
ans. db.users.find({useremail:/regexsoftware.com$/})

29.Retrieve all documents where the user's email does not contain "gmail.com".
ans. db.users.find({useremail:{$not:/gmail.com$/}})

30.Find all the documents where username ends with a.
ans. db.users.find({username:/a$/})

31.Find all documents where the user's last name is not "Singh".
ans. db.users.find({lastname:{$not:/Singh$/}})

32.Retrieve all documents where the user's role is "admin" and the user has the skill "Java".
 ans. db.users.find({role:"admin",skills:"Java"})

33.Find all documents where the user's first name is "Ananya" and the user's role is "customer".
ans. db.users.find({firstName:"Ananya",role:"customer"})

34.Retrieve all documents where the user's role is "admin" and the user has at least one skill.
ans. db.users.find({role:"admin","skills:1":{$exists:true}})

35.Find all documents where the user's role is "admin" and the user's first name starts with "R".
ans. db.users.find({role:"admin", firstName:"/^R/"})

36.Retrieve all documents where the user's role is "customer" and the user's last name is "Patel".
ans. db.users.find({role:"customer", lastname:"Patel"})

37.Find all documents where the user's role is "admin" and the user has the skill "Python".
ans. db.users.find({role:"admin",skills:"Python"})

38.Retrieve all documents where the user's role is "customer" and the user's last name is not "Gupta".
ans. db.users.find({$and:[{role:"customer"},{lastname:{$ne:"Gupta"}}]})

39.Find all documents where the user's role is "admin" and the user's email ends with "@regexsoftware.com".
ans. db.users.find({role:"admin",useremail:/@regexsoftware.com$/})

40.Retrieve all documents where the user's role is "customer" and the user has the skill "React".
ans. db.users.find({role:"customer",skills:"React"})

41.Find all documents where the user's role is "customer" and the user has the skill "SQL".
ans. db.users.find({role:"customer",skills:"SQL"})

42.Retrieve all documents where the user's role is "admin" and the user has at least three skills.
ans. db.users.find({role:"admin","skills:3":{$exists:true}})

33.Find all documents where the user's role is "customer" and the user has the skills "Java" and "C++".
ans. db.users.find({role:"customer",skills:["Java","C++"]})

34.Retrieve all documents where the user's role is "admin" and the user's email does not contain "gmail.com".
ans. db.users.find({role:"admin",useremail:{$not:/gmail.com$/}})

35.Find all documents where the user's role is "customer" and the user's last name starts with "Mans. db.users.find({role:"customer", lastName:"/^M/"})

36.Retrieve all documents where the user's role is "admin" and the user's first name is not "Rahul".
ans. db.users.find({$and:[{role:"admin"},{firstname:{$ne:"Rahul"}}]})

37.Find all documents where the user's role is "customer" and the user's email does not contain "gmail.com".
0ans. db.users.find({role:"customer",useremail:{$not:/gmail.com$/}})

38.Retrieve all documents where the user's role is "admin" and the user has the skill "Java" but not "JavaScript".
ans. db.users.find({role:"admin",skills:"Java",{skills:{$ne:"javascript"}}})

39.Find all documents where the user's role is "customer" and the user's first name is not "Ananya".
ans. db.users.find({$and:[{role:"customer"},{firstname:{$ne:"Ananya"}}]})

40.Retrieve all documents where the user's role is "admin" and the user's email contains "regexsoftware.com".
ans. db.users.find({role:"admin",useremail:/regexsoftware.com$/})

41.Find all documents where the user's role is "customer" and the user has the skill "HTML" but not "CSS".
ans. db.users.find({role:"customer",skills:["HTML","CSS"]})

42.Retrieve all documents where the user's role is "admin" and the user has the skill "Java" and "JavaScript".
ans. db.users.find({role:"admin",skills:["Java","Javascript"]})

43.Find all female users from Jaipur who know Python.
ans. db.users.find({gender:"Female",city:"Jaipur",skills:"Python"})

44.Find all male users in Delhi who are above age 26
ans. db.users.find({city:"New Delhi",age:{$gt:26}})

45.Find all users who are from either New Delhi or Mumbai.
 ans. db.users.find({$or:[{city:"New Delhi"}, {city:"Mumbai"}]})

46.How many users are from New Delhi?
ans. db.users.find({city:"New Delhi"}).count()

47.How many Female users are from Jaipur?
ans. db.users.find({gender:"Female",city:"Jaipur"}).count()

48.How many Male users are there in Delhi who have skills Java?
ans. db.users.find({gender:"Male",city:"Delhi",skills:"Java"}).count()

49.How many users are from Hyderabad having age greater than 24 and have skill Python,C++.
ans.
db.users.find({city:"Hyderabad",age:{$gt:24},skills:["Python","C++"]}).count()

50.How many female users are from Goa having age greater than 24 and have skill Python,C++

ans.
db.users.find({gender:"Female",city:"Goa",age:{$gt:24},skills:["Python","C++"]}).count()