

1. Create a database named your rollno\_section.

```
Administrator: Command Prompt - mongo
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
=====
Welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
https://docs.mongodb.com/
Questions? Try the MongoDB Developer Community Forums
https://community.mongodb.com
---
The server generated these startup warnings when booting:
2022-05-17T01:04:36.110+05:00: Access control is not enabled for the database. Read and write access to data and
configuration is unrestricted
---
---
Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> use P19-0033_4A;
switched to db P19-0033_4A
> db;
P19-0033_4A
>
```

2. Create a collection named users.

```
The monitoring data will be available on a MongoDB website with a unique UR
and anyone you share the URL with. MongoDB may use this information to make
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitori
To permanently disable this reminder, run the following command: db.disable
---
> use P19-0033_4A;
switched to db P19-0033_4A
> db;
P19-0033_4A
> db.createCollection("users");
{ "ok" : 1 }
> show collections;
users
>
```

3. Insert the following record in the user's collection.

```
show collections;
users
> db.user.insert({username: "Ali",
... password:"def321",
... email:"ali123@yahoo.com",
... DOB:"1996-03-04",
... Address:"Peshawar",
... contact:"+923332233322"
... })
WriteResult({ "nInserted" : 1 })
>
```

```
>
>
>
> db.user.insert({ username: "Atif", password: "Qwe123", email: "atif@gmail.com", DOB: "-", Address:"Islamabad", contact
: "+923139834276" })
WriteResult({ "nInserted" : 1 })
>
> db.user.find().pretty()
```

4. Show all users list using find command.

```
WriteResult({ "nInserted" : 1 })
> db.user.find().pretty()
{
  "_id" : ObjectId("6284bda4f0a8246b4033359d"),
  "username" : "Ali",
  "password" : "def321",
  "email" : "ali123@yahoo.com",
  "DOB" : "1996-03-04",
  "Address" : "Peshawar",
  "contact" : "+923332233322"
}
{
  "_id" : ObjectId("6284be39f0a8246b4033359e"),
  "username" : "Haroon",
  "password" : "fast123",
  "email" : "haroon@gamil.com",
  "DOB" : "-",
  "Address" : "Karachi",
  "contact" : "-"
}
{
  "_id" : ObjectId("6284bf08f0a8246b4033359f"),
  "username" : "Zain",
  "password" : "abc123",
  "email" : "zain@gmail.com",
  "DOB" : "1997-02-13",
  "Address" : "Islamabad",
}
```

```

    "_id" : ObjectId("6284bfd1f0a8246b403335a0"),
    "username" : "Atif",
    "password" : "Qwe123",
    "email" : "atif@gmail.com",
    "DOB" : "-",
    "Address" : "Islamabad",
    "contact" : "+923139834276"

```

5. Show all users who lives in Islamabad.

```

    "contact" : "+923139834276"
  }
  > db.user.find({Address:"Islamabad"})
{ "_id" : ObjectId("6284bf08f0a8246b4033359f"), "username" : "Zain", "password" : "abc123", "email" : "zain@gmail.com",
  "DOB" : "1997-02-13", "Address" : "Islamabad", "contact" : "-" }
{ "_id" : ObjectId("6284bfd1f0a8246b403335a0"), "username" : "Atif", "password" : "Qwe123", "email" : "atif@gmail.com",
  "DOB" : "-", "Address" : "Islamabad", "contact" : "+923139834276" }
>

```

6. Show all the users who lives in Peshawar or in Karachi.

```

> db.user.find({Address:{$in:["Peshawar","Karachi"]}})
{ "_id" : ObjectId("6284bda4f0a8246b4033359d"), "username" : "Ali", "password" : "def321", "email" : "ali123@yahoo.com",
  "DOB" : "1996-03-04", "Address" : "Peshawar", "contact" : "+923332233322" }
{ "_id" : ObjectId("6284be39f0a8246b4033359e"), "username" : "Haroon", "password" : "fast123", "email" : "haroon@gamil.com",
  "DOB" : "-", "Address" : "Karachi", "contact" : "-" }
>

```

