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Roll No : p190053

Section : BSCS(5A)

Lab 11

1)

```
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> use p190053_jawad
switched to db p190053_jawad
>
```

2)

```
Administrator: Command Prompt - mongo
> db.createCollection("users")
{ "ok" : 1 }
```

3)

```
Administrator: Command Prompt - mongo
139834276"}, { username: "Noman", password: "def321", email: "noman@gmail.com", DOB: "1996-03-04", Address: "Peshawar", Contact: "+923349056432"}])
uncaught exception: SyntaxError: missing } after property list :
@ (shell):1:554
> db.users.insert({username: "Ali", password: "def321", email: "ali123@yahoo.com", DOB: "1996-03-04", Address: "Peshawar", Contact: "+923332233322"})
WriteResult({ "nInserted" : 1 })
> db.users.insert({username: "Haroon", password: "fast123", email: "haroon@gmail.com", Address: "Karachi"})
WriteResult({ "nInserted" : 1 })
> db.users.insert({username: "Zain", password: "Äbc123", email: "zain@gmail.com", DOB: "1997-02-13", Address: "Islamabad"})
WriteResult({ "nInserted" : 1 })
> db.users.insert({username: "Atif", password: "Qwe123", email: "atif@gmail.com", Address: "Islamabad", Contact: "+923139834276"})
WriteResult({ "nInserted" : 1 })

Administrator: Command Prompt - mongo
> db.users.insert({username: "Noman", password: "def321", email: "noman@gmail.com", DOB: "1996-03-04", Address: "Peshawar", Contact: "+923349056432"}
WriteResult({ "nInserted" : 1 })
>
```

4)

```
Administrator: Command Prompt - mongo
> db.users.find().pretty()
{
  "_id" : ObjectId("6273e366697458d6661589b0"),
  "username" : "Ali",
  "password" : "def321",
  "email" : "ali123@yahoo.com",
  "DOB" : "1996-03-04",
  "Address" : "Peshawar",
  "Contact" : "+923332233322"
}
{
  "_id" : ObjectId("6273e388697458d6661589b1"),
  "username" : "Haroon",
  "password" : "fast123",
  "email" : "haroon@gmail.com",
  "Address" : "Karachi"
}
{
  "_id" : ObjectId("6273e3bc697458d6661589b2"),
  "username" : "Zain",
  "password" : "Abc123",
  "email" : "zain@gmail.com",
  "DOB" : "1997-02-13",
  "Address" : "Islamabad"
}
{
  "_id" : ObjectId("6273e3d4697458d6661589b3"),
  "username" : "Atif",
  "password" : "Qwe123",
  "email" : "atif@gmail.com",
  "Address" : "Islamabad",
  "Contact" : "+923139834276"
}
{
  "_id" : ObjectId("6273e411697458d6661589b4"),
  "username" : "Noman",
  "password" : "def321",
  "email" : "noman@gmail.com",
  "DOB" : "1996-03-04",
  "Address" : "Peshawar",
  "Contact" : "+923349056432"
}
```

5)

```

Administrator: Command Prompt - mongo
> db.users.find( { Address: "Islamabad" } ).pretty()
{
  "_id" : ObjectId("6273e3bc697458d6661589b2"),
  "username" : "Zain",
  "password" : "Abc123",
  "email" : "zain@gmail.com",
  "DOB" : "1997-02-13",
  "Address" : "Islamabad"
}
{
  "_id" : ObjectId("6273e3d4697458d6661589b3"),
  "username" : "Atif",
  "password" : "Qwe123",
  "email" : "atif@gmail.com",
  "Address" : "Islamabad",
  "Contact" : "+923139834276"
}
>

```

6)

```

Administrator: Command Prompt - mongo
> db.users.find( { Address: { $in: [ "Peshawar", "Karachi" ] } } ).pretty()
{
  "_id" : ObjectId("6273e366697458d6661589b0"),
  "username" : "Ali",
  "password" : "def321",
  "email" : "ali123@yahoo.com",
  "DOB" : "1996-03-04",
  "Address" : "Peshawar",
  "Contact" : "+923332233322"
}
{
  "_id" : ObjectId("6273e388697458d6661589b1"),
  "username" : "Haroon",
  "password" : "fast123",
  "email" : "haroon@gmail.com",
  "Address" : "Karachi"
}
{
  "_id" : ObjectId("6273e411697458d6661589b4"),
  "username" : "Noman",
  "password" : "def321",
  "email" : "noman@gmail.com",
  "DOB" : "1996-03-04",
  "Address" : "Peshawar",
  "Contact" : "+923349056432"
}
>

```