# OS Lab Task 11

## Task 1 & 2:

```
> use P20_0117_4A
switched to db P20_0117_4A
```

```
> db.users
P20_0117_4A.users
```

## Task 3:

```
> db.users.insert({username:'Ali',password:'def321',email:'ali123@yahoo.com',DO
:'1996-03-04',Address:'Peshawar',Contact:'+923333222233322'})
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:'Abc123',email:'zain@gmail.com',DOB:
'1997-02-13',Address:'Islamabad'})
WriteResult({ "nInserted" : 1 })
>
```

```
> db.users.insert({username:'Atif',password:'Qwe123',email:'atif@gmail.com',Addr
ess:'Islamabad',Contact:'+923139834276'})
WriteResult({ "nInserted" : 1 })
>
```

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

# Task 4:

```
> db.users.find().pretty()
{ "_id" : ObjectId("626d3368b9f347bdfb2e49a6") }
{
        "_id" : ObjectId("626d346cb9f347bdfb2e49a7"),
        "username" : "Ali",
        "password" : "def321",
        "email" : "ali123@yahoo.com",
        "DOB" : "1996-03-04",
        "Address" : "Peshawar",
        "Contact" : "+923333222233322"
}
{
        "_id" : ObjectId("626d34b4b9f347bdfb2e49a8"),
        "username" : "Haroon",
        "password" : "fast123",
        "email" : "haroon@gmail.com",
        "Address" : "Karachi"
}
{
        "_id" : ObjectId("626d3500b9f347bdfb2e49a9"),
        "username" : "Zain",
        "password" : "Abc123",
        "email" : "zain@gmail.com",
        "DOB" : "1997-02-13",
        "Address" : "Islamabad"
}
{
        "_id" : ObjectId("626d3555b9f347bdfb2e49aa"),
        "username" : "Atif",
        "password" : "Qwe123",
        "email" : "atif@gmail.com",
        "Address" : "Islamabad",
        "Contact" : "+923139834276"
}
{
        "_id" : ObjectId("626d358cb9f347bdfb2e49ab"),
        "username" : "Noman",
        "password" : "def321",
        "email" : "noman@gmail.com",
        "DOB" : "1996-03-04",
        "Address" : "Peshawar",
        "Contact" : "+923349056432"
}
```

## Task 5:

```
> db.users.find( {Address:'Islamabad'} ).pretty()
{
        "_id" : ObjectId("626d3500b9f347bdfb2e49a9"),
        "username" : "Zain",
        "password" : "Abc123",
        "email" : "zain@gmail.com",
        "DOB" : "1997-02-13",
        "Address" : "Islamabad"
}
{

        "_id" : ObjectId("626d3555b9f347bdfb2e49aa"),
        "username" : "Atif",
        "password" : "Qwe123",
        "email" : "atif@gmail.com",
        "Address" : "Islamabad",
        "Contact" : "+923139834276"
}
```

## Task 6:

```
> db.users.find({Address:{ $in: ['Peshawar','Karachi'] } } ).pretty()
{
        "_id" : ObjectId("626d346cb9f347bdfb2e49a7"),
        "username" : "Ali",
        "password" : "def321",
        "email" : "ali123@yahoo.com",
        "DOB" : "1996-03-04",
        "Address" : "Peshawar",
        "Contact" : "+923333222233322"
}
{
        "_id" : ObjectId("626d34b4b9f347bdfb2e49a8"),
        "username" : "Haroon",
        "password" : "fast123",
        "email" : "haroon@gmail.com",
        "Address" : "Karachi"
}
{
        "_id" : ObjectId("626d358cb9f347bdfb2e49ab"),
        "username" : "Noman",
        "password" : "def321",
        "email" : "noman@gmail.com",
        "DOB" : "1996-03-04",
        "Address" : "Peshawar",
        "Contact" : "+923349056432"
}
```