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Section: BAI-4A

Roll No: 22P-9295

Lab Task #11

1. Create a database named your rollno_section (i.e. 19P0084_4A).
   use 22P9295_4A

```
test> use 22P9295_4A
switched to db 22P9295_4A
22P9295_4A>
```

2. Create a collection named users.
   db.createCollection("users")

```
22P9295_4A> db.createCollection("users")
{ ok: 1 }
22P9295_4A>
```

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

```
22P9295_4A> db.users.insertMany([
... {
... "username": "abc123",
... "password": "def321",
... "email": "abc123@yahoo.com",
... "DOB": "",
... "Address": "Peshawar",
... "Contact": "+923332233322"
... },
... {
... "username": "xyz789",
... "password": "vbn123",
... "email": "xyz789@gmail.com",
... "DOB": "",
... "Address": "Karachi",
... "Contact": "-"
... },
... {
... "username": "zain",
... "password": "Abc123",
... "email": "zain@gmail.com",
... "DOB": "1997-02-13",
... "Address": "Islamabad",
... "Contact": ""
... },
... {
... "username": "Atif",
... "password": "Qwe123",
... "email": "atif@gmail.com",
... "DOB": "",
... "Address": "Islamabad",
... "Contact": ""
... }
... ]);
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('663fd187ab1a3c0baf46b799'),
    '1': ObjectId('663fd187ab1a3c0baf46b79a'),
22P9295_4A>
    '3': ObjectId('663fd187ab1a3c0baf46b79c')
```

4. Show all users list using find command.

Db.users.find()

```
22P9295_4A> db.users.find()
[
  {
    _id: ObjectId('663fd187ab1a3c0baf46b799'),
    username: 'abc123',
    password: 'def321',
    email: 'abc123@yahoo.com',
    DOB: '',
    Address: 'Peshawar',
    Contact: '+923332233322'
  },
  {
    _id: ObjectId('663fd187ab1a3c0baf46b79a'),
    username: 'xyz789',
    password: 'vbn123',
    email: 'xyz789@gmail.com',
    DOB: '',
    Address: 'Karachi',
    Contact: '-'
  },
  {
    _id: ObjectId('663fd187ab1a3c0baf46b79b'),
    username: 'zain',
    password: 'Abc123',
    email: 'zain@gmail.com',
    DOB: '1997-02-13',
    Address: 'Islamabad',
    Contact: ''
  },
  {
    _id: ObjectId('663fd187ab1a3c0baf46b79c'),
    username: 'Atif',
    password: 'Qwe123',
    email: 'atif@gmail.com',
    DOB: '',
    Address: 'Islamabad',
    Contact: ''
  }
]
22P9295_4A>
```

5. Show all users who lives in Islamabad.
   Db.users.find({"Address": "Islamabad"})

```
22P9295_4A> db.users.find({"Address": "Islamabad"})
[
  {
    _id: ObjectId('663fd187ab1a3c0baf46b79b'),
    username: 'zain',
    password: 'Abc123',
    email: 'zain@gmail.com',
    DOB: '1997-02-13',
    Address: 'Islamabad',
    Contact: ''
  },
  {
    _id: ObjectId('663fd187ab1a3c0baf46b79c'),
    username: 'Atif',
    password: 'Qwe123',
    email: 'atif@gmail.com',
    DOB: '',
    Address: 'Islamabad',
    Contact: ''
  }
]
22P9295_4A>
```