MongoDB Lab-1

PART 1

1	Open mongo shell and view the help

> **COMMAND >> help**

2	Identify your current working database and show list of available databases

> **COMMAND >>   show databases**

3	Create a new database called iti and create a collection named "students". Insert whatever data you want about yourself (include name and age in your details).

COMMANDS

>> **use iti**
>> **db.createCollection('students')**
>> **db.students.insertOne({Name:'Hager Abd El Galil',Age:23,Gender:'Female',Hobbies:['Reading','Drawing']})**

```
>_MONGOSH

> use iti
< 'switched to db iti'
> db.createCollection('students')
< { ok: 1 }
> db.students.insertOne({Name:'Hager Abd El Galil',Age:23,Gender:'Female',Hobbies:['Reading','Drawing']})
< {
    acknowledged: true,
    insertedId: ObjectId("63f4cb322eb0a33428b46483")
  }
> show collections
< students
> db.students.find()
< {
    _id: ObjectId("63f4cb322eb0a33428b46483"),
    Name: 'Hager Abd El Galil',
    Age: 23,
    Gender: 'Female',
    Hobbies: [
      'Reading',
      'Drawing'
    ]
  }
```

4	show list of available databases. What did you notice ?

COMMAND >> show databases
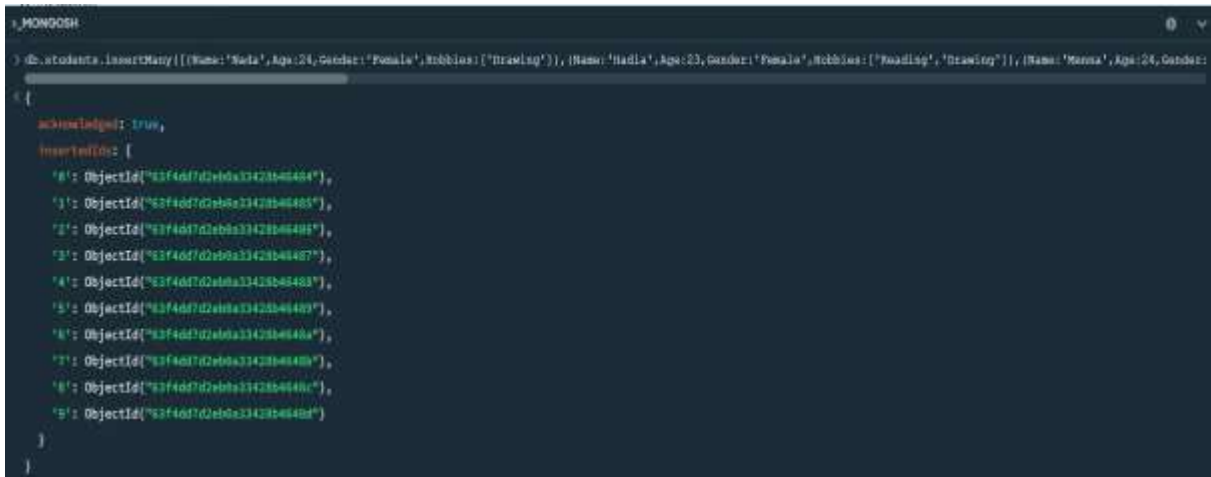
```
>_MONGOSH

> show databases
< admin        40.00 KiB
  bookstore    40.00 KiB
  config      108.00 KiB
  iti          40.00 KiB
  local        72.00 KiB
```

NOTE >> iti database is added

5	Insert un-structured or semi-structured data for 10 of your friends (include name and age in your details. The documents should have different types of data i.e. arrays, strings, documents, integers).

COMMANDS

```
>> db.students.insertMany([
{Name:'Nada',Age:24,Gender:'Female',Hobbies:['Drawing']},
{Name:'Hadia',Age:23,Gender:'Female',Hobbies:['Reading','Drawing']},
{Name:'Menna',Age:24,Gender:'Female',Hobbies:['Swimming','Writting']},
{Name:'Radwa',Age:26,Gender:'Female',Hobbies:['Reading']},
{Name:'Ahmed',Age:27,Gender:'Male',Hobbies:['Coding','Gamming']},
{Name:'Mariam',Age:22,Gender:'Female',Hobbies:['VolleyBall']},
{Name:'Maged',Age:31,Gender:'Male',Hobbies:['FootBall','Gamming']},
{Name:'Alaa',Age:16,Genger:'Female',Hobbies:['Drawing']},
{Name:'Mohammed',Age:23,Gender:'Male',Hobbies:['FootBall']},
{Name:'Fares',Age:25,Gender:'Male',Hobbies:['Swimming']}])
```


6	Search for your object by Name

COMMANDS

```
>> db.students.find({Name:'Hager Abd El Galil'})
```

```
>_MONGOSH

> db.students.find({Name:'Hager Abd El Galil'})
< {
    _id: ObjectId("63f4cb322eb0a33428b46483"),
    Name: 'Hager Abd El Galil',
    Age: 23,
    Gender: 'Female',
    Hobbies: [
      'Reading',
      'Drawing'
    ]
  }
```

7	Search for your friend(s) by age

COMMANDS

>> db.students.find({Age:25})

```
>_MONGOSH

> db.students.find({Age:25})
< {
    _id: ObjectId("63f4dd7d2eb0a33428b4648d"),
    Name: 'Fares',
    Age: 25,
    Gender: 'Male',
    Hobbies: [
      'Swimming'
    ]
  }
```

8	Search for all of your friends whose age is older than yours

COMMANDS

>> db.students.find({Age:{$gt : 23}})

```
>_MONGOSH
> db.students.find({Age: {$gt : 23}})
< {
    _id: ObjectId("63f4dd7d2eb0a33428b46484"),
    Name: 'Nada',
    Age: 24,
    Gender: 'Female',
    Hobbies: [
      'Drawing'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46486"),
    Name: 'Menna',
    Age: 24,
    Gender: 'Female',
    Hobbies: [
      'Swimming',
      'Writting'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46487"),
    Name: 'Radwa',
    Age: 26,
    Gender: 'Female',
    Hobbies: [
      'Reading'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46488"),
    Name: 'Ahmed',
    Age: 27,
    Gender: 'Male',
    Hobbies: [
      'Coding',
      'Gamming'
    ]
  }
  {
```

```
{
    _id: ObjectId("63f4dd7d2eb0a33428b4648a"),
    Name: 'Maged',
    Age: 31,
    Gender: 'Male',
    Hobbies: [
      'FootBall',
      'Gamming'
    ]
}
{
    _id: ObjectId("63f4dd7d2eb0a33428b4648d"),
    Name: 'Fares',
    Age: 25,
    Gender: 'Male',
    Hobbies: [
      'Swimming'
    ]
}
```

9	Delete any of your friends by id

COMMANDS

>> **db.students.deleteOne({_id: ObjectId("63f4dd7d2eb0a33428b4648d")})**

```
> db.students.deleteOne({_id: ObjectId("63f4dd7d2eb0a33428b4648d")})
< {
    acknowledged: true,
    deletedCount: 1
  }
```

10	View all documents in students collection in a prettified format

COMMANDS

>> **db.students.find().pretty()**

```
>_MONGOSH
> db.students.find().pretty()
< {
    _id: ObjectId("63f4cb322eb0a33428b46483"),
    Name: 'Hager Abd El Galil',
    Age: 23,
    Gender: 'Female',
    Hobbies: [
      'Reading',
      'Drawing'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46484"),
    Name: 'Nada',
    Age: 24,
    Gender: 'Female',
    Hobbies: [
      'Drawing'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46485"),
    Name: 'Hadia',
    Age: 23,
    Gender: 'Female',
    Hobbies: [
      'Reading',
      'Drawing'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46486"),
    Name: 'Menna',
    Age: 24,
    Gender: 'Female',
    Hobbies: [
      'Swimming',
      'Writting'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46487"),
    Name: 'Radwa',
    Age: 26,
    Gender: 'Female',
    Hobbies: [
      'Reading'
    ]
  }
  {
    _id: ObjectId("63f4dd7d2eb0a33428b46488"),
    Name: 'Ahmed',
    Age: 27,
    Gender: 'Male',
    Hobbies: [
      'Coding',
      'Gamming'
    ]
  }
```

```
{
    _id: ObjectId("63f4dd7d2eb0a33428b46489"),
    Name: 'Mariam',
    Age: 22,
    Gender: 'Female',
    Hobbies: [
      'VolleyBall'
    ]
}
{
    _id: ObjectId("63f4dd7d2eb0a33428b4648a"),
    Name: 'Maged',
    Age: 31,
    Gender: 'Male',
    Hobbies: [
      'FootBall',
      'Gamming'
    ]
}
{
    _id: ObjectId("63f4dd7d2eb0a33428b4648b"),
    Name: 'Alaa',
    Age: 16,
    Genger: 'Female',
    Hobbies: [
      'Drawing'
    ]
}
{
    _id: ObjectId("63f4dd7d2eb0a33428b4648c"),
    Name: 'Mohammed',
    Age: 23,
    Gender: 'Male',
    Hobbies: [
      'FootBall'
    ]
}
```

| 11 | Count all documents in students collection |

COMMANDS

>> **db.students.find().count()**

```
>_MONGOSH

> db.students.find().count()

< 10
```

PART 2

- Create database with name ems

- Insert the following data into "faculty" collection

  { "name":"Krish", "age":35,"gender":"M","exp":10,subjects:["DS","C","OS"],"type":"Full
  Time","qualification":"M.Tech" },
   { "name":"Manoj", "age":38,"gender":"M","exp":12,subjects:["JAVA","DBMS"],"type":"Full Time",
  "qualification":"Ph.D"},
  { "name":"Anush", "age":32,"gender":"F","exp":8,subjects:["C","CPP"],"type":"Part Time","qualification":"M.Tech" },
  { "name":"Suresh", "age":40,"gender":"M","exp":9,subjects:["JAVA","DBMS","NETWORKING"],"type":"Full Time",
  "qualification":"Ph.D"},
  { "name":"Rajesh", "age":35,"gender":"M","exp":7,subjects:["DS","C","OS"],"type":"Full
  Time","qualification":"M.Tech" },
  { "name":"Mani", "age":38,"gender":"F","exp":10,subjects:["JAVA","DBMS","OS"],"type":"Part Time",
  "qualification":"Ph.D"},
   { "name":"Sivani", "age":32,"gender":"F","exp":8,subjects:["C","CPP","MATHS"],"type":"Part
  Time","qualification":"M.Tech" },
   { "name":"Nagesh", "age":39,"gender":"M","exp":11,subjects:["JAVA","DBMS","NETWORKING"],"type":"Full Time",
  "qualification":"Ph.D"},
  { "name":"Nagesh", "age":35,"gender":"M","exp":9,subjects:["JAVA",".Net","NETWORKING"],"type":"Full Time",
  "qualification":"Ph.D"},{ "name":"Latha", "age":40,"gender":"F","exp":13,subjects:["MATHS"],"type":"Full Time",
  "qualification":"Ph.D"}

1	Get the details of all the faculty

COMMAND >> db.faculty.find()

```
>_MONGOSH

> db.faculty.find()
< {
    _id: ObjectId("63f4e9672eb0a33428b4648e"),
    name: 'Krish',
    age: 35,
    gender: 'M',
    exp: 10,
    subjects: [
      'DS',
      'C',
      'OS'
    ],
    type: 'Full Time',
    qualification: 'M.Tech'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b4648f"),
    name: 'Manoj',
    age: 38,
    gender: 'M',
    exp: 12,
    subjects: [
      'JAVA',
      'DBMS'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46490"),
    name: 'Anush',
    age: 32,
    gender: 'F',
    exp: 8,
    subjects: [
      'C',
      'CPP'
    ],
    type: 'Part Time',
    qualification: 'M.Tech'
  }
```

```
{
  _id: ObjectId("63f4e9672eb0a33428b46491"),
  name: 'Suresh',
  age: 40,
  gender: 'M',
  exp: 9,
  subjects: [
    'JAVA',
    'DBMS',
    'NETWORKING'
  ],
  type: 'Full Time',
  qualification: 'Ph.D'
}
{
  _id: ObjectId("63f4e9672eb0a33428b46492"),
  name: 'Rajesh',
  age: 35,
  gender: 'M',
  exp: 7,
  subjects: [
    'DS',
    'C',
    'OS'
  ],
  type: 'Full Time',
  qualification: 'M.Tech'
}
{
  _id: ObjectId("63f4e9672eb0a33428b46493"),
  name: 'Mani',
  age: 30,
  gender: 'F',
  exp: 19,
  subjects: [
    'JAVA',
    'DBMS',
    'OS'
  ],
  type: 'Part Time',
  qualification: 'Ph.D'
}
{
  _id: ObjectId("63f4e9672eb0a33428b46494"),
  name: 'Sivani',
  age: 32,
  gender: 'F',
  exp: 8,
  subjects: [
    'C',
    'CPP',
    'MATHS'
  ],
  type: 'Part Time',
  qualification: 'M.Tech'
}
{
  _id: ObjectId("63f4e9672eb0a33428b46495"),
  name: 'Nagesh',
  age: 30,
  gender: 'M',
  exp: 11,
  subjects: [
    'JAVA',
    'DBMS',
    'NETWORKING'
  ],
  type: 'Full Time',
  qualification: 'Ph.D'
}
{
  _id: ObjectId("63f4e9672eb0a33428b46496"),
  name: 'Nagesh',
  age: 35,
  gender: 'M',
  exp: 9,
  subjects: [
    'JAVA',
```

```
      '.Net',
      'NETWORKING'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46497"),
    name: 'Latha',
    age: 40,
    gender: 'F',
    exp: 13,
    subjects: [
      'MATHS'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
```

2	Get the count of all faculty members

COMMAND >> db.faculty.find().count()

```
>_MONGOSH

> db.faculty.find().count()

< 10
```

3	Get all the faculty members whose qualification is "Ph.D"

COMMAND >> db.faculty.find({qualification:'ph.D'})

```
>_MONGOSH
> db.faculty.find({qualification:"Ph.D"})
< {
    _id: ObjectId("63f4e9672eb0a33428b46448f"),
    name: 'Manoj',
    age: 38,
    gender: 'M',
    exp: 12,
    subjects: [
      'JAVA',
      'DBMS'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46491"),
    name: 'Suresh',
    age: 40,
    gender: 'M',
    exp: 9,
    subjects: [
      'JAVA',
      'DBMS',
      'NETWORKING'
    ],
    type: 'Full Time',
```

```
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46493"),
    name: 'Mani',
    age: 38,
    gender: 'F',
    exp: 10,
    subjects: [
      'JAVA',
      'DBMS',
      'OS'
    ],
    type: 'Part Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46495"),
    name: 'Nagesh',
    age: 39,
    gender: 'M',
    exp: 11,
    subjects: [
      'JAVA',
      'DBMS',
      'NETWORKING'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46496"),
    name: 'Nagesh',
    age: 35,
    gender: 'M',
    exp: 9,
    subjects: [
      'JAVA',
      '.Net',
      'NETWORKING'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46497"),
    name: 'Latha',
    age: 40,
    gender: 'F',
    exp: 13,
    subjects: [
      'MATHS'
    ]
```

4	Get all the faculty members whose experience is between 8 to 12 years

COMMAND >> db.faculty.find({exp : {$gt :8},exp : {$lt :12}},{name:1})

```
>_MONGOSH

> db.faculty.find({exp : {$gt :8},exp : {$lt :12}},{name:1})
< {
    _id: ObjectId("63f4e9672eb0a33428b4648e"),
    name: 'Krish'
}
{
    _id: ObjectId("63f4e9672eb0a33428b46490"),
    name: 'Anush'
}
{
    _id: ObjectId("63f4e9672eb0a33428b46491"),
    name: 'Suresh'
}
{
    _id: ObjectId("63f4e9672eb0a33428b46492"),
    name: 'Rajesh'
}
{
    _id: ObjectId("63f4e9672eb0a33428b46493"),
    name: 'Mani'
}
{
    _id: ObjectId("63f4e9672eb0a33428b46494"),
    name: 'Sivani'
}
{
    _id: ObjectId("63f4e9672eb0a33428b46495"),
    name: 'Nagesh'
}
{
    _id: ObjectId("63f4e9672eb0a33428b46496"),
    name: 'Nagesh'
}
```

5	Get all the faculty members who teach "MATHS" or "NETWORKING"

COMMAND >> db.faculty.find({$or:[{subjects:'MATHS'},{subjects:'
NETWORKING' }]},{name:1})

```
>_MONGOSH
> db.faculty.find({$or:[{subjects:'MATHS'},{subjects:'NETWORKING'}]},{name:1})
< {
    _id: ObjectId("63f4e9672eb0a33428b46491"),
    name: 'Suresh'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46494"),
    name: 'Sivani'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46495"),
    name: 'Nagesh'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46496"),
    name: 'Nagesh'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46497"),
    name: 'Latha'
  }
```

6	Get all the faculty members who teach "MATHS" and whose age is more than 30 years and qualification must be "Ph.D

COMMAND >> db.faculty.find({subjects:'MATHS',age:{$gt : 30},qualification:'Ph.D'})

```
>_MONGOSH
> db.faculty.find({subjects:'MATHS',age:{$gt : 30},qualification:'Ph.D'})
< {
    _id: ObjectId("63f4e9672eb0a33428b46497"),
    name: 'Latha',
    age: 40,
    gender: 'F',
    exp: 13,
    subjects: [
      'MATHS'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
```

7	Get all the faculty members who are working part-time or who teach "JAVA".

COMMAND >> db.faculty.find({$or:[{type:'Part Time'},{subjects:'JAVA'}]},{name:1})

```
>_MONGOSH

> db.faculty.find({$or:[{type:'Part Time'},{subjects:'JAVA'}]},{name:1})
< {
    _id: ObjectId("63f4e9672eb0a33428b4648f"),
    name: 'Manoj'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46490"),
    name: 'Anush'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46491"),
    name: 'Suresh'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46493"),
    name: 'Mani'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46494"),
    name: 'Sivani'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46495"),
    name: 'Nagesh'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46496"),
    name: 'Nagesh'
  }
```

8	Add the following new faculty members: { "name":"Suresh Babu", "age":55,"gender":"M","exp":25,subjects: ["MATHS","DE"],"type":"Full Time", "qualification":"Ph.D"}

COMMAND >> db.faculty.insertOne({ "name":"Suresh Babu",
"age":55,"gender":"M","exp":25,subjects: ["MATHS","DE"],"type":"Full Time",
"qualification":"Ph.D"})

```
>_MONGOSH

> db.faculty.insertOne({ "name":"Suresh Babu", "age":55,"gender":"M","exp":25,subjects:   ["MATHS","DE"],"type":"Full Time", "qualification":"Ph.D"} )
< {
    acknowledged: true,
    insertedId: ObjectId("63f4f5d42eb0a33428b46498")
  }
```

9	Update the data of all faculty members by incrementing their age and exp by one year

COMMAND >> **db.faculty.updateMany({},{$inc :{age:1,exp:1}})**

```
>_MONGOSH

> db.faculty.updateMany({},{$inc :{age:1,exp:1}})
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 11,
    modifiedCount: 11,
    upsertedCount: 0
  }
```

10	Update the faculty "Sivani" with the following data: update qualification to "Ph.D" and type to "Full Time"

COMMAND >> **db.faculty.updateOne({name:"Sivani"},{$set:{type:"Full Time",qualification:"Ph.D"}})**

```
>_MONGOSH

> db.faculty.updateOne({name:"Sivani"},{$set:{type:"Full Time",qualification:"Ph.D"}})
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 1,
    modifiedCount: 1,
    upsertedCount: 0
  }
```

11	Update all faculty members who are teaching "MATHS" such that they should now also teach "PSK"

COMMAND >> **db.faculty.updateMany({subjects:"MATHS"},{$push:{subjects:"PSK"}})**

```
>_MONGOSH

> db.faculty.updateMany({subjects:"MATHS"},{$push:{subjects:"PSK"}})
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 3,
    modifiedCount: 3,
    upsertedCount: 0
  }
```

12	Delete all faculty members whose age is more than 55 years

<div style="border:1px solid;padding:4px;">COMMAND >> db.faculty.deleteMany({age: {$gt : 55}})</div>

```
> db.faculty.deleteMany({age: {$gt : 55}})
< {
    acknowledged: true,
    deletedCount: 1
  }
```

13	Get only the name and qualification of all faculty members

<div style="border:1px solid;padding:4px;">COMMAND >> db.faculty.find({},{name:1,qualification:1,_id:0})</div>

```
>_MONGOSH
> db.faculty.find({},{name:1,qualification:1,_id:0})
< {
    name: 'Krish',
    qualification: 'M.Tech'
  }
  {
    name: 'Manoj',
    qualification: 'Ph.D'
  }
  {
    name: 'Anush',
    qualification: 'M.Tech'
  }
  {
    name: 'Suresh',
    qualification: 'Ph.D'
  }
  {
    name: 'Rajesh',
    qualification: 'M.Tech'
  }
  {
    name: 'Mani',
    qualification: 'Ph.D'
  }
  {
    name: 'Nagesh',
    qualification: 'Ph.D'
  }
  {
    name: 'Nagesh',
    qualification: 'Ph.D'
  }
  {
    name: 'Latha',
    qualification: 'Ph.D'
  }
```

14	Get the name, qualification and exp of all faculty members and display the same in ascending order of exp.

COMMAND >> db.faculty.find({},{name:1,qualification:1,exp:1,_id:0}).sort({exp:1})

```
>_MONGOSH

> db.faculty.find({},{name:1,qualification:1,exp:1,_id:0}).sort({exp:1})
< {
    name: 'Rajesh',
    exp: 8,
    qualification: 'M.Tech'
  }
  {
    name: 'Anush',
    exp: 9,
    qualification: 'M.Tech'
  }
  {
    name: 'Sivani',
    exp: 9,
    qualification: 'Ph.D'
  }
  {
    name: 'Suresh',
    exp: 10,
    qualification: 'Ph.D'
  }
  {
    name: 'Nagesh',
    exp: 10,
    qualification: 'Ph.D'
  }
  {
    name: 'Krish',
    exp: 11,
    qualification: 'M.Tech'
  }
  {
    name: 'Mani',
    exp: 11,
    qualification: 'Ph.D'
  }
  {
    name: 'Nagesh',
    exp: 12,
    qualification: 'Ph.D'
  }
  {
    name: 'Manoj',
    exp: 13,
    qualification: 'Ph.D'
  }
  {
    name: 'Latha',
    exp: 14,
    qualification: 'Ph.D'
  }
```

15	Sort the faculty details by their age (descending order) and get the details of the first five faculty members only

```
>_MONGOSH

> db.faculty.find().sort((age:-1)).limit(5)
< {
    _id: ObjectId("63f4e9672eb0a33428b46497"),
    name: 'Latha',
    age: 41,
    gender: 'F',
    exp: 14,
    subjects: [
      'MATHS',
      'PSK'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46491"),
    name: 'Suresh',
    age: 41,
    gender: 'M',
    exp: 10,
    subjects: [
      'JAVA',
      'DBMS',
      'NETWORKING'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46491"),
    name: 'Suresh',
    age: 41,
    gender: 'M',
    exp: 10,
    subjects: [
      'JAVA',
      'DBMS',
      'NETWORKING'
    ],
    type: 'Full Time',
    qualification: 'Ph.D'
  }
  {
    _id: ObjectId("63f4e9672eb0a33428b46495"),
    name: 'Nagesh',
    age: 40,
    gender: 'M',
    exp: 12,
    subjects: [
      'JAVA',
      'DBMS',
      'NETWORKING'
```

```
  type: 'Full Time',
  qualification: 'Ph.D'
}
{
  _id: ObjectId("63f4e9672eb0a33428b46493"),
  name: 'Mani',
  age: 39,
  gender: 'F',
  exp: 11,
  subjects: [
    'JAVA',
    'DBMS',
    'OS'
  ],
  type: 'Part Time',
  qualification: 'Ph.D'
}
{
  _id: ObjectId("63f4e9672eb0a33428b4648f"),
  name: 'Manoj',
  age: 39,
  gender: 'M',
  exp: 13,
  subjects: [
    'JAVA',
    'DBMS'
  ],
  type: 'Full Time',
  qualification: 'Ph.D'
}
```