

Group C Assignment No. 14

• Aim:

Execute atleast 10 queries on any suitable mongod database that demonstrates following:

- 1) \$ where queries
- 2) cursors (limits, skips, sorts, advanced query options)
- 3) Database commands

• Objective

- 1) To understand mongod retrieval commands.
- 2) To implement the concept of document oriented databases.

• Theory:

- 1) `db.users.find()` - collection
`{age: { $gt: 18 }}` - query
`{name: 1, address: 1}` - projection
`.limit(5)` - cursor modifier

- 2) Retrieve a document in ascending or descending order using 1 for ascending and -1 for descending
`- db.name.find().sort(-1).limit(5)`

- 3) Retrieve a document by skipping & limiting
`- db.findname.find().skip(2).limit(5)`

4) \$where in a query

```
- db.players.find ( { $where : function () { return (this.p-name) == "dhoni" } } );
```

```
• - db.players.find ( { $where : function () { return ( ( this.info.country ) == "india" ) } } );
```

5) cursors - forEach(), toArray()

```
- db.players.find.forEach ( function (myDoc) { print ( 'Name: ' + myDoc.p-name + ' (country: ' + myDoc.info.country) } );
```

```
- var summary = db.players.find().toArray();  
  if (summary.length > 0) { printjson (summary[3]); }
```

• Conclusion

By performing this, it's easy to understand to implement data from mongodB database with the help of statement and operators.