**Group B- MongoDB2**

> use rutuja;

switched to db rutuja

> db.createCollection('teacher');

{ "ok" : 1 }

> db.teacher.insert({'id':121,'salary':20000});

WriteResult({ "nInserted" : 1 })

> db.teacher.insert({'id':122,'salary':50000});

WriteResult({ "nInserted" : 1 })

> db.teacher.insert({'id':123,'salary':25000});

WriteResult({ "nInserted" : 1 })

> db.teacher.insert({'id':124,'salary':75000});

WriteResult({ "nInserted" : 1 })

> db.teacher.find();

{ "\_id" : ObjectId("636d312751b17d96a45a1d56"), "id" : 121, "salary" : 20000 }

{ "\_id" : ObjectId("636d318e51b17d96a45a1d57"), "id" : 122, "salary" : 50000 }

{ "\_id" : ObjectId("636d31d251b17d96a45a1d58"), "id" : 123, "salary" : 25000 }

{ "\_id" : ObjectId("636d321851b17d96a45a1d59"), "id" : 124, "salary" : 75000 }

> db.teacher.aggregate({$project:{'id':1}});

{ "\_id" : ObjectId("636d312751b17d96a45a1d56"), "id" : 121 }

{ "\_id" : ObjectId("636d318e51b17d96a45a1d57"), "id" : 122 }

{ "\_id" : ObjectId("636d31d251b17d96a45a1d58"), "id" : 123 }

{ "\_id" : ObjectId("636d321851b17d96a45a1d59"), "id" : 124 }

> db.teacher.aggregate({$sort:{'salary':1}});

{ "\_id" : ObjectId("636d312751b17d96a45a1d56"), "id" : 121, "salary" : 20000 }

{ "\_id" : ObjectId("636d31d251b17d96a45a1d58"), "id" : 123, "salary" : 25000 }

{ "\_id" : ObjectId("636d318e51b17d96a45a1d57"), "id" : 122, "salary" : 50000 }

{ "\_id" : ObjectId("636d321851b17d96a45a1d59"), "id" : 124, "salary" : 75000 }

> db.teacher.aggregate({$sort:{'salary':-1}});

{ "\_id" : ObjectId("636d321851b17d96a45a1d59"), "id" : 124, "salary" : 75000 }

{ "\_id" : ObjectId("636d318e51b17d96a45a1d57"), "id" : 122, "salary" : 50000 }

{ "\_id" : ObjectId("636d31d251b17d96a45a1d58"), "id" : 123, "salary" : 25000 }

{ "\_id" : ObjectId("636d312751b17d96a45a1d56"), "id" : 121, "salary" : 20000 }

> db.teacher.aggregate({$sort:{'salary':1}});

{ "\_id" : ObjectId("636d312751b17d96a45a1d56"), "id" : 121, "salary" : 20000 }

{ "\_id" : ObjectId("636d31d251b17d96a45a1d58"), "id" : 123, "salary" : 25000 }

{ "\_id" : ObjectId("636d318e51b17d96a45a1d57"), "id" : 122, "salary" : 50000 }

{ "\_id" : ObjectId("636d321851b17d96a45a1d59"), "id" : 124, "salary" : 75000 }

> db.teacher.aggregate({$sort:{'salary':-1}});

{ "\_id" : ObjectId("636d321851b17d96a45a1d59"), "id" : 124, "salary" : 75000 }

{ "\_id" : ObjectId("636d318e51b17d96a45a1d57"), "id" : 122, "salary" : 50000 }

{ "\_id" : ObjectId("636d31d251b17d96a45a1d58"), "id" : 123, "salary" : 25000 }

{ "\_id" : ObjectId("636d312751b17d96a45a1d56"), "id" : 121, "salary" : 20000 }

> db.teacher.aggregate({$limit:2});

{ "\_id" : ObjectId("636d312751b17d96a45a1d56"), "id" : 121, "salary" : 20000 }

{ "\_id" : ObjectId("636d318e51b17d96a45a1d57"), "id" : 122, "salary" : 50000 }

> db.teacher.aggregate({$skip:2});

{ "\_id" : ObjectId("636d31d251b17d96a45a1d58"), "id" : 123, "salary" : 25000 }

{ "\_id" : ObjectId("636d321851b17d96a45a1d59"), "id" : 124, "salary" : 75000 }

> db.teacher.ensureIndex({'id':1});

{

"createdCollectionAutomatically" : false,

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"ok" : 1

}

> db.teacher.getIndexes();

[

{

"v" : 1,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "rutuja.teacher"

},

{

"v" : 1,

"key" : {

"id" : 1

},

"name" : "id\_1",

"ns" : "rutuja.teacher"

}

]

>