Assignment 3

"Create collection which creates objects ,use insertOne() & insertMany() methods for those objects.

Create collection which uses find() and finfOne() methods for finding created documents.also use sort(),Limit() and ship() methods for the documents created.

INSERTONE():

db.dinesh.insertOne({"name":"Dinesh","age":21,"village":"bapatla"," dept":"it","clg":"BEC","year of passed out":2022}

INSERTMANY ():

db.dinesh.insertMany([{"name":"Chandu","age":21,"village":"chirala ","dept":"cse","clg":"BEC","year of passed out":2022},{"name":"Suneel","age":21,"village":"vizag","dept":"it"," clg":"BEC","year of passed out":2022},{"name":"Phani","age":21,"village":"Vijayawada","dept": "cse","clg":"BEC","year of passed out":2022}]);

FIND():

> db.dinesh.find()

OUTPUT:

{ "_id" : ObjectId("625d13777c5aa989d9bfd257"), "name" : "Dinesh", "age" : 21, "village" : "bapatla", "dept" : "it", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeed9"), "name" : "Chandu", "age" : 21, "village" : "chirala", "dept" : "cse", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeeda"), "name" : "Suneel", "age" : 21, "village" : "vizag", "dept" : "it", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeedb"), "name" : "Phani", "age" : 21, "village" : "Vijayawada", "dept" : "cse", "clg" : "BEC", "year of passed out" : 2022 }

FINDONE():

db.dinesh.findOne()

db.dinesh.findOne({"name":"Dinesh"})

```
{
     "_id" : ObjectId("625d13777c5aa989d9bfd257"),

     "name" : "Dinesh",

     "age" : 21,

     "village" : "bapatla",

     "dept" : "it",

     "clg" : "BEC",

     "year of passed out" : 2022

}
```

Limit():

db.dinesh.find({"name":"Dinesh","age":21}).limit(2)

OUTPUT:

{ "_id" : ObjectId("625d13777c5aa989d9bfd257"), "name" : "Dinesh", "age" : 21, "village" : "bapatla", "dept" : "it", "clg" : "BEC", "year of passed out" : 2022 }

SKIP():

db.dinesh.find().sort({KEY:1})

OUTPUT:

{ "_id" : ObjectId("625d13777c5aa989d9bfd257"), "name" : "Dinesh", "age" : 21, "village" : "bapatla", "dept" : "it", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeed9"), "name" : "Chandu", "age" : 21, "village" : "chirala", "dept" : "cse", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeeda"), "name" : "Suneel", "age" : 21, "village" : "vizag", "dept" : "it", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeedb"), "name" : "Phani", "age" : 21, "village" : "Vijayawada", "dept" : "cse", "clg" : "BEC", "year of passed out" : 2022 }

SORT():

db.dinesh.find().sort({KEY:-1})

OUTPUT:

{ "_id" : ObjectId("625d13777c5aa989d9bfd257"), "name" : "Dinesh", "age" : 21, "village" : "bapatla", "dept" : "it", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeed9"), "name" : "Chandu", "age" : 21, "village" : "chirala", "dept" : "cse", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeeda"), "name" : "Suneel", "age" : 21, "village" : "vizag", "dept" : "it", "clg" : "BEC", "year of passed out" : 2022 }

{ "_id" : ObjectId("625d1630e3bec96191eeeedb"), "name" : "Phani", "age" : 21, "village" : "Vijayawada", "dept" : "cse", "clg" : "BEC", "year of passed out" : 2022 }