```
> show dbs
admin          0.000GB
config         0.000GB
local          0.000GB
myDatabase     0.000GB
> use product_detail
switched to db product_detail
> Show Database
uncaught exception: SyntaxError: unexpected token: identifier :
@(shell):1:5
> use product_detail
switched to db product_detail
> show dbs
admin          0.000GB
config         0.000GB
local          0.000GB
myDatabase     0.000GB
> db.createCollection("product")
{ "ok" : 1 }
> db.product.find({}).preety({})
uncaught exception: TypeError: db.product.find(...).preety is not a function :
@(shell):1:1
> db.products.find({}).preety({})
uncaught exception: TypeError: db.products.find(...).preety is not a function :
@(shell):1:1
> db.products.find({})
> show collections
product
```

```
> db.products.insertMany([{item:"pen",price:10,quantity:2},{item:"book",price:50,quantity:1},{item:"pen",price:10,quantity:5},{item:"pencil",price:5,quantity:10}])
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("68e37df0e0f98585036414bd"),
                ObjectId("68e37df0e0f98585036414be"),
                ObjectId("68e37df0e0f98585036414bf"),
                ObjectId("68e37df0e0f98585036414c0")
        ]
}
> db.products.find({})
{ "_id" : ObjectId("68e37df0e0f98585036414bd"), "item" : "pen", "price" : 10, "quantity" : 2 }
{ "_id" : ObjectId("68e37df0e0f98585036414be"), "item" : "book", "price" : 50, "quantity" : 1 }
{ "_id" : ObjectId("68e37df0e0f98585036414bf"), "item" : "pen", "price" : 10, "quantity" : 5 }
{ "_id" : ObjectId("68e37df0e0f98585036414c0"), "item" : "pencil", "price" : 5, "quantity" : 10 }
> db.products.find({}).pretty({})
{
        "_id" : ObjectId("68e37df0e0f98585036414bd"),
        "item" : "pen",
        "price" : 10,
        "quantity" : 2
}
{
        "_id" : ObjectId("68e37df0e0f98585036414be"),
        "item" : "book",
        "price" : 50,
        "quantity" : 1
}
{
        "_id" : ObjectId("68e37df0e0f98585036414bf"),
        "item" : "pen",
        "price" : 10,
        "quantity" : 5
}
{
        "_id" : ObjectId("68e37df0e0f98585036414c0"),
        "item" : "pencil",
        "price" : 5,
        "quantity" : 10
}
```

```
> db.products.createIndex({"item": 1})
{
        "numIndexesBefore" : 1,
        "numIndexesAfter" : 2,
        "createdCollectionAutomatically" : false,
        "ok" : 1
}
> db.product.getIndexes();
[ { "v" : 2, "key" : { "_id" : 1 }, "name" : "_id_" } ]
> db.products.createIndex({"price": 1, "quantity": -1})
{
        "numIndexesBefore" : 2,
        "numIndexesAfter" : 3,
        "createdCollectionAutomatically" : false,
        "ok" : 1
}
> db.products.dropIndex({"price": 1})
{
        "ok" : 0,
        "errmsg" : "can't find index with key: { price: 1.0 }",
        "code" : 27,
        "codeName" : "IndexNotFound"
}
> db.product.dropIndex({"price": 1})
{
        "ok" : 0,
        "errmsg" : "can't find index with key: { price: 1.0 }",
        "code" : 27,
        "codeName" : "IndexNotFound"
}
```

```
> db.product.createIndex({ "price": 1 });
{
        "numIndexesBefore" : 3,
        "numIndexesAfter" : 3,
        "note" : "all indexes already exist",
        "ok" : 1
}
> db.products.aggregates([{
... $project:{
... item
... :1,
... total_sales:{$multiply:["price","$quantity"]}
... }
... },
... {
... $sort{total_sale:-1}
... }
... ]);
uncaught exception: SyntaxError: missing : after property id :
@(shell):9:5
> db.products.aggregates([{ $project:{ item:1, total_sales:{$multiply:["$price","$quantity"]} } }, { $sort:{total_sale:-1} } ]);
uncaught exception: TypeError: db.products.aggregates is not a function :
@(shell):1:1
> db.products.aggregate([{ $project:{ item:1, total_sales:{$multiply:["$price","$quantity"]} } }, { $sort:{total_sale:-1} } ]);
{ "_id" : ObjectId("68e37df0e0f98585036414bd"), "item" : "pen", "total_sales" : 20 }
{ "_id" : ObjectId("68e37df0e0f98585036414be"), "item" : "book", "total_sales" : 50 }
{ "_id" : ObjectId("68e37df0e0f98585036414bf"), "item" : "pen", "total_sales" : 50 }
{ "_id" : ObjectId("68e37df0e0f98585036414c0"), "item" : "pencil", "total_sales" : 50 }
>
```