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SL1 ASSIGNMENT 14

Problem Statement : Execute at least 10 queries on any suitable MongoDB database that demonstrates following:

- \$ where queries
 - Cursors (Limits, skips, sorts, advanced query options)
 - Database commands
-

Where Queries

```
> db.Orders.find({$where : "this.price > 6000"}).pretty();
```

```
{
  "_id" : ObjectId("5fc1d6b27ba587b219205f0e"),
  "order_id" : 17,
  "prod_name" : "wardrobe",
  "quantity" : 2,
  "price" : 7000,
  "delivery_date" : ISODate("2010-08-11T18:30:00Z")
}
```

```
> db.Orders.find({$where : "this.prod_name == 'sanitizer'"}).pretty();
```

```
{
  "_id" : ObjectId("5fc1d5bf7ba587b219205f0a"),
  "order_id" : 10,
  "prod_name" : "sanitizer",
  "quantity" : 15,
  "price" : 100,
  "delivery_date" : ISODate("2001-03-19T18:30:00Z")
}
```

Cursors

```
> db.Orders.find().limit(2).pretty();
```

```
{
```

```

    "_id" : ObjectId("5fc1d5bf7ba587b219205f0a"),
    "order_id" : 10,
    "prod_name" : "sanitizer",
    "quantity" : 15,
    "price" : 100,
    "delivery_date" : ISODate("2001-03-19T18:30:00Z")
  }
}

    "_id" : ObjectId("5fc1d6b27ba587b219205f0e"),
    "order_id" : 17,
    "prod_name" : "wardrobe",
    "quantity" : 2,
    "price" : 7000,
    "delivery_date" : ISODate("2010-08-11T18:30:00Z")
  }
}

> db.Orders.find().limit(1).pretty();
{
  "_id" : ObjectId("5fc1d5bf7ba587b219205f0a"),
  "order_id" : 10,
  "prod_name" : "sanitizer",
  "quantity" : 15,
  "price" : 100,
  "delivery_date" : ISODate("2001-03-19T18:30:00Z")
}

```

Sort Ascending(price)

```

> db.Orders.find().sort({price : 1}).pretty();
{
  "_id" : ObjectId("5fc1d5bf7ba587b219205f0a"),
  "order_id" : 10,
  "prod_name" : "sanitizer",
  "quantity" : 15,
  "price" : 100,
  "delivery_date" : ISODate("2001-03-19T18:30:00Z")
}

```

```
{
  "_id" : ObjectId("5fc1d6b27ba587b219205f0e"),
  "order_id" : 17,
  "prod_name" : "wardrobe",
  "quantity" : 2,
  "price" : 7000,
  "delivery_date" : ISODate("2010-08-11T18:30:00Z")
}
```

Sort Descending(price)

```
> db.Orders.find().sort({price : -1}).pretty();
{
  "_id" : ObjectId("5fc1d6b27ba587b219205f0e"),
  "order_id" : 17,
  "prod_name" : "wardrobe",
  "quantity" : 2,
  "price" : 7000,
  "delivery_date" : ISODate("2010-08-11T18:30:00Z")
}
{
  "_id" : ObjectId("5fc1d5bf7ba587b219205f0a"),
  "order_id" : 10,
  "prod_name" : "sanitizer",
  "quantity" : 15,
  "price" : 100,
  "delivery_date" : ISODate("2001-03-19T18:30:00Z")
}
```

Skip

```
> db.Orders.find().skip(1).sort({price : -1}).pretty();
{
  "_id" : ObjectId("5fc1d5bf7ba587b219205f0a"),
  "order_id" : 10,
  "prod_name" : "sanitizer",
  "quantity" : 15,
```

```
    "price" : 100,  
    "delivery_date" : ISODate("2001-03-19T18:30:00Z")  
}
```

Database Commands

```
> show databases;
```

admin	0.000GB
config	0.000GB
local	0.000GB
mitre_project	0.000GB
order_man	0.000GB
pets	0.000GB
teacher_info	0.000GB

```
> use order_man;
```

```
switched to db order_man
```

```
> show collections;
```

```
countries
```

```
orders
```