Assignment No.13

1. Find

```
> db.order_management_system.find()
{ "_id" : ObjectId("5fa4eda5fe2ba8dbbda4fa18"), "id" :
33256 }
{ "_id" : ObjectId("5fa4edb2fe2ba8dbbda4fa19"), "id" : 55,
"name" : "Shreyas Kalrao", "city" : "Pune", "zipcode" :
411016, "phno" : 9275029731 }
{ "_id" : ObjectId("5fa4edcffe2ba8dbbda4fa1a"), "id" : 57,
"name" : "Sushant Sontakke", "city" : "Kolhapur", "zipcode" :
211011, "phno" : 7272029631 }
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1b"), "id" : 49,
"name" : "Harsh Sakhrani", "city" : "Solapur", "zipcode" :
411001, "phno" : 9272129431 }
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1c"), "id" : 50,
"name" : "Saloni Parekh", "city" : "Solapur", "zipcode" :
411032, "phno" : 7212026631 }
{ "_id" : ObjectId("5faa3421a5d3da31563dffb5"), "id" : 51,
"name" : "Anuj Saoii", "city" : "Latur", "zipcode" : 111302,
"phno" : 9572226431 }
{ "_id" : ObjectId("5faa3421a5d3da31563dffb6"), "id" : 52,
"name" : "Onkar Sharma", "city" : "Nashik", "zipcode" :
321456, "phno" : 8212026131 }
{ "_id" : ObjectId("5faa3421a5d3da31563dffb7"), "id" : 53,
"name" : "Prathamesh Shiralkar", "city" : "Latur",
"zipcode" : 312402, "phno" : 7574286431 }
{ "_id" : ObjectId("5faa345aa5d3da31563dffb8"), "id" : 54,
"name" : "Muskaan Shraogi", "city" : "Akola", "zipcode" :
221011, "phno" : 8271023631 }
{ "_id" : ObjectId("5fc65f91c1fb2c16a5f1d05b"), "id" : 33256,
"name" : "Someshwar Gaikwad", "city" : "Solapur" }

> db.order_management_system.find({city:"Pune"})
{ "_id" : ObjectId("5fa4edb2fe2ba8dbbda4fa19"), "id" : 55,
"name" : "Shreyas Kalrao", "city" : "Pune", "zipcode" :
411016, "phno" : 9275029731 }
```

2. FindOne

```
> db.order_management_system.findOne({city:"Pune"})
{
    "_id" : ObjectId("5fa4edb2fe2ba8dbbda4fa19"),
    "id" : 55,
    "name" : "Shreyas Kalrao",
```

```
        "city" : "Pune",
        "zipcode" : 411016,
        "phno" : 9275029731
}
> db.order_management_system.findOne({id:55});
{
        "_id" : ObjectId("5fa4edb2fe2ba8dbbda4fa19"),
        "id" : 55,
        "name" : "Shreyas Kalrao",
        "city" : "Pune",
        "zipcode" : 411016,
        "phno" : 9275029731
}
```

3. Conditional Queries

```
> db.order_management_system.find({ $or :[{city:"Pune"},
{city:"Akola"}]});
{ "_id" : ObjectId("5fa4edb2fe2ba8dbbda4fa19"), "id" : 55,
"name" : "Shreyas Kalrao", "city" : "Pune", "zipcode" :
411016, "phno" : 9275029731 }
{ "_id" : ObjectId("5faa345aa5d3da31563dffb8"), "id" : 54,
"name" : "Muskaan Shraogi", "city" : "Akola", "zipcode" :
221011, "phno" : 8271023631 }


> db.order_management_system.find({ $and :[{city:"Solapur"},
{id: { $lt: 100}}]});
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1b"), "id" : 49,
"name" : "Harsh Sakhrani", "city" : "Solapur", "zipcode" :
411001, "phno" : 9272129431 }
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1c"), "id" : 50,
"name" : "Saloni Parekh", "city" : "Solapur", "zipcode" :
411032, "phno" : 7212026631 }


> db.order_management_system.find({id: {$not: {$gt:
33255}}});
{ "_id" : ObjectId("5fa4edb2fe2ba8dbbda4fa19"), "id" : 55,
"name" : "Shreyas Kalrao", "city" : "Pune", "zipcode" :
411016, "phno" : 9275029731 }
{ "_id" : ObjectId("5fa4edcffe2ba8dbbda4fa1a"), "id" : 57,
"name" : "Sushant Sontakke", "city" : "Kolhapur", "zipcode" :
211011, "phno" : 7272029631 }
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1b"), "id" : 49,
"name" : "Harsh Sakhrani", "city" : "Solapur", "zipcode" :
411001, "phno" : 9272129431 }
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1c"), "id" : 50,
"name" : "Saloni Parekh", "city" : "Solapur", "zipcode" :
411032, "phno" : 7212026631 }
```

```
{ "_id" : ObjectId("5faa3421a5d3da31563dffb5"), "id" : 51,
"name" : "Anuj Saoii", "city" : "Latur", "zipcode" : 111302,
"phno" : 9572226431 }
{ "_id" : ObjectId("5faa3421a5d3da31563dffb6"), "id" : 52,
"name" : "Onkar Sharma", "city" : "Nashik", "zipcode" :
321456, "phno" : 8212026131 }
{ "_id" : ObjectId("5faa3421a5d3da31563dffb7"), "id" : 53,
"name" : "Prathamesh Shiralkar", "city" : "Latur",
"zipcode" : 312402, "phno" : 7574286431 }
{ "_id" : ObjectId("5faa345aa5d3da31563dffb8"), "id" : 54,
"name" : "Muskaan Shraogi", "city" : "Akola", "zipcode" :
221011, "phno" : 8271023631 }
```

4. Specific

```
> db.order_management_system.find({id: {$mod: [100,56]}});
{ "_id" : ObjectId("5fa4eda5fe2ba8dbbda4fa18"), "id" :
33256 }
{ "_id" : ObjectId("5fc65f91c1fb2c16a5f1d05b"), "id" : 33256,
"name" : "Someshwar Gaikwad", "city" : "Solapur" }

> db.order_management_system.find({id: {$mod: [100,55]}});
{ "_id" : ObjectId("5fa4edb2fe2ba8dbbda4fa19"), "id" : 55,
"name" : "Shreyas Kalrao", "city" : "Pune", "zipcode" :
411016, "phno" : 9275029731 }

> db.order_management_system.find({city: {$regex:
'Solapur' }});
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1b"), "id" : 49,
"name" : "Harsh Sakhrani", "city" : "Solapur", "zipcode" :
411001, "phno" : 9272129431 }
{ "_id" : ObjectId("5fa4edd4fe2ba8dbbda4fa1c"), "id" : 50,
"name" : "Saloni Parekh", "city" : "Solapur", "zipcode" :
411032, "phno" : 7212026631 }
{ "_id" : ObjectId("5fc65f91c1fb2c16a5f1d05b"), "id" : 33256,
"name" : "Someshwar Gaikwad", "city" : "Solapur" }
```