

Assignment Week2 Mongodb

Use mongotest

```
db.employees.insertMany([
  {
    "_id": "emp1",
    "fname": "Rahul",
    "salary": [10000, 9000, 11000, 10000, 8000, 9500, 10500, 11000, 8500, 10000, 9500, 11000],
    "city": "Delhi"
  },
  {
    "_id": "emp2",
    "fname": "Sachin",
    "salary": [15000, 11000, 13000, 12000, 12500, 10500, 13500, 11000, 9500, 10000, 12500, 14000],
    "city": "Mumbai"
  },
  {
    "_id": "emp3",
    "fname": "Rohan",
    "salary": [11000, 10000, 11500, 10500, 9500, 13000, 11500, 13000, 9500, 10000, 12000, 12500],
    "city": "Bangalore"
  },
  {
    "_id": "emp4",
    "fname": "Emily",
    "salary": [18000, 15000, 14500, 16000, 11000, 13500, 17500, 14000, 19500, 13000, 14500, 16000],
    "city": "kolkata"
  },
  {
    "_id": "emp5",
    "fname": "Sumit",
    "salary": [20000, 18000, 17500, 15000, 16000, 19500, 14500, 16000, 18500, 19000, 14500, 13000],
    "city": "Delhi"
  },
  {
    "_id": "emp6",
    "fname": "Sarah",
    "salary": [11000, 9500, 12000, 12500, 10000, 9500, 10500, 11000, 9500, 12000, 10500, 11000],
    "city": "Srinagar"
  },
  {
    "_id": "emp7",
    "fname": "Max",
    "salary": [19000, 17000, 18500, 15000, 16000, 17500, 15500, 16000, 20000, 18000, 19500, 14000],
    "city": "Chandigarh"
  },
  {
    "_id": "emp8",
    "fname": "Blake",
    "salary": [15000, 16000, 15500, 13000, 12500, 15500, 13500, 16000, 10500, 14000, 14500, 14000],
    "city": "Jaipur"
  },
],
```

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{
  "_id":"emp9",
  "fname":"William",
  "salary":[15000,9000,11000,12000,10000,9500,10500,14000,11500,10000,12500,11000],
  "city":"Chandigarh"
},
{
  "_id":"emp10",
  "fname":"Grace",
  "salary":[18000,16000,17500,13000,13500,15500,13500,18000,12500,14000,16500,14000],
  "city":"Srinagar"
},
{
  "_id":"emp11",
  "fname":"Samuel",
  "salary":[21000,16000,20500,15000,16500,15500,18500,16000,19500,20000,14500,18000],
  "city":"Mumbai"
},
{
  "_id":"emp12",
  "fname":"Emma",
  "salary":[19000,16000,13500,13000,14000,15500,18500,16000,16500,14000,17500,15000],
  "city":"Surat"
}
])

```

Queries:

1. db.Employee.find().pretty()
2. db.Employee.find({}, {fname:1})
3. db.Employee.find({}, {_id:0})
4. db.Employee.find().limit(5)
5. db.Employee.find().skip(5).limit(5)
6. db.Employee.find({city:"gurgaon"})
7. db.Employee.find({"salary.0" : {\$lt : 20000}})
8. db.Employee.find({"salary.0" : {\$lt : 20000} , city: "gurgaon"})
9. db.Employee.aggregate([{\$group:{"_id":null,"totaljansum":{\$sum :{\$arrayElemAt:["\$salary",0]}}}}])
10. db.Employee.find({city:"gurgaon"}).count()