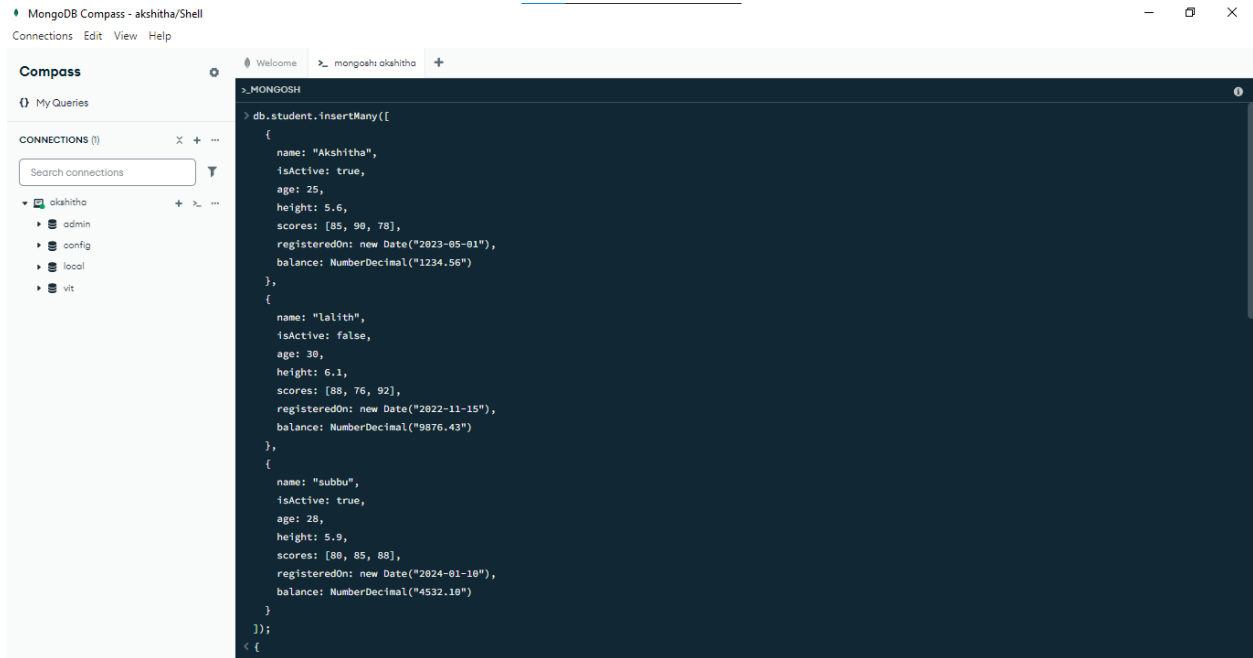
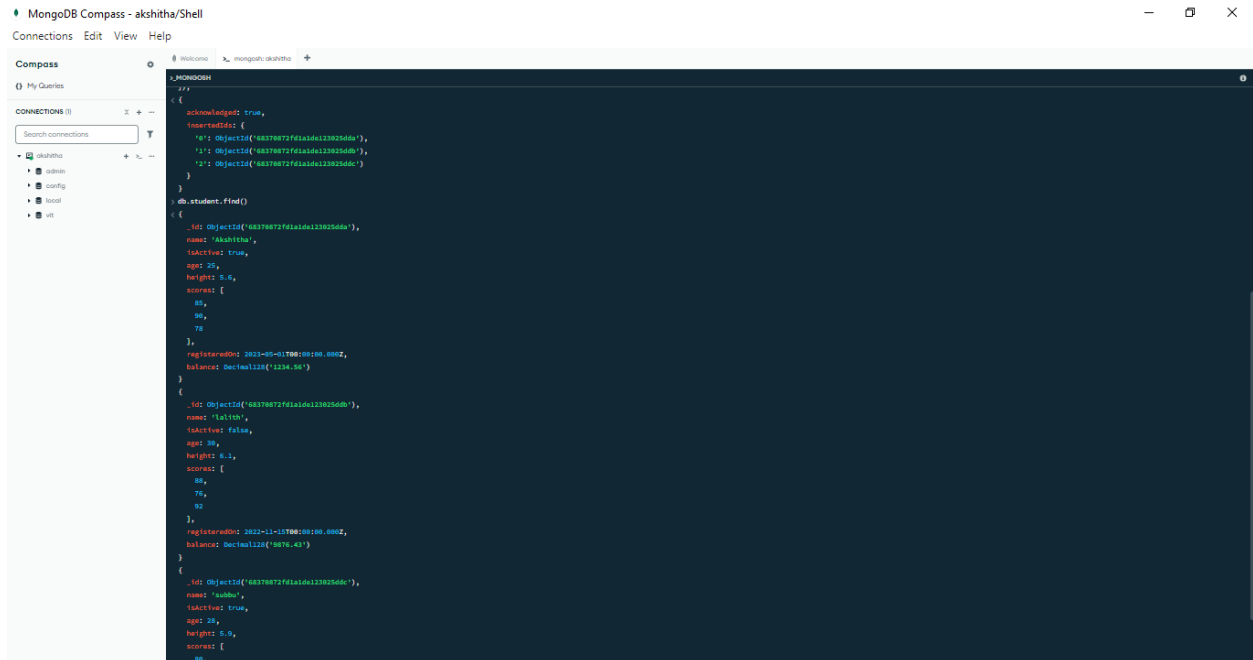


MONGODB

Insert all datatype formats:



Show all:



```

    80,
    85,
    88
  ],
  registeredOn: 2024-01-18T00:00:00.000Z,
  balance: Decimal128('4532.18')
}
vit>

```

Collection with:

```

}
> db.details.insertMany([
  { id: 1, name: "Udi", mark: 89, location: "Vellore" },
  { id: 2, name: "Arghya", mark: 91, location: "Kolkata" },
  { id: 3, name: "Ankit", mark: 76, location: "Patna" },
  { id: 4, name: "Shubham", mark: 84, location: "Delhi" },
  { id: 5, name: "Dev", mark: 95, location: "Mumbai" }
]);
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('68378bd2fd1a1de123825de2'),
    '1': ObjectId('68378bd2fd1a1de123825de3'),
    '2': ObjectId('68378bd2fd1a1de123825de4'),
    '3': ObjectId('68378bd2fd1a1de123825de5'),
    '4': ObjectId('68378bd2fd1a1de123825de6')
  }
}
> db.details.find()

```

Db.products.findOne():

```

> db.products.findOne()
< {
  _id: 1,
  name: 'sPhone',
  price: 799,
  releaseDate: 2011-05-14T00:00:00.000Z,
  spec: {
    ram: 4,
    screen: 6.5,
    cpu: 2.66
  },
  color: [
    'white',
    'black'
  ],
  storage: [
    64,
    128,
    256
  ]
}
vit>

```

db.products.findOne({ _id:2}):

vit

```

}
> db.products.findOne({_id:2})
< {
  _id: 2,
  name: 'sTablet',
  price: 899,
  releaseDate: 2011-09-01T00:00:00.000Z,
  spec: {
    ram: 16,
    screen: 9.5,
    cpu: 3.66
  },
  color: [
    'white',
    'black',
    'purple'
  ],
  storage: [
    128,
    256,
    512
  ]
}
vit>

```

db.findOne():

```

> db.products.findOne({name:'smartphone'})
< null
> db.products.findOne({name:'SmartPhone'})
< {
  _id: 5,
  name: 'SmartPhone',
  price: 599,
  releaseDate: 2022-09-14T00:00:00.000Z,
  spec: {
    ram: 4,
    screen: 5.7,
    cpu: 1.66
  },
  color: [
    'white',
    'orange',
    'gold',
    'gray'
  ],
  storage: [
    128,
    256
  ]
}
> db.products.findOne({_id:5},{name:1,_id:0})
< {
  name: 'SmartPhone'
}
vit>
```

db.books.insertMany:

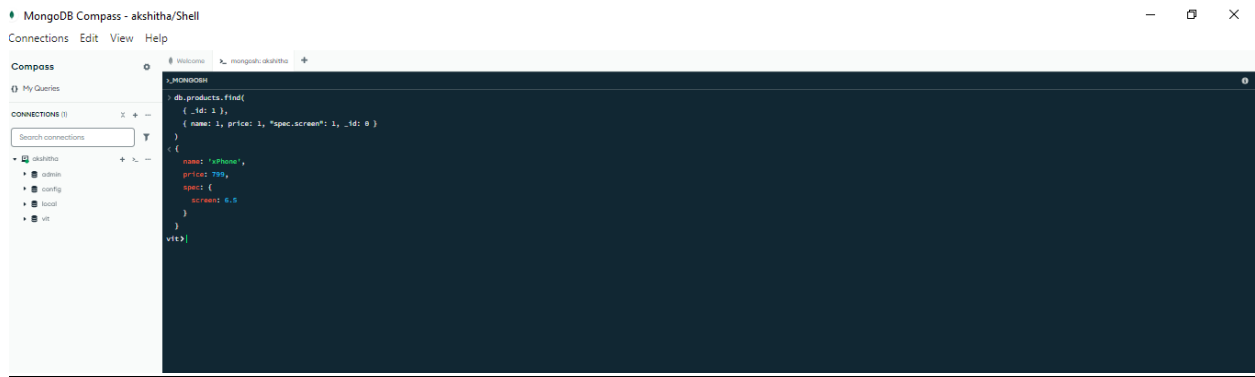
```

> db.products.drop()
< true
> db.products.insertMany([
  { "_id": 1, "name": "iPhone", "price": 799, "releaseDate": ISODate("2011-09-14"), "spec": { "ram": 4, "screen": 3.5, "cpu": 1.06 }, "color":["white","black"], "storage":[64,128,256], "inventory":[{"qty": 1200, "warehouse": "San Jose"}]},
  { "_id": 2, "name": "xTablet", "price": 899, "releaseDate": ISODate("2011-09-14"), "spec": { "ram": 16, "screen": 9.5, "cpu": 1.66 }, "color":["white","black","purple"], "storage":[128,256,512], "inventory":[{"qty": 300, "warehouse": "San Francisco"}]},
  { "_id": 3, "name": "SmartTablet", "price": 899, "releaseDate": ISODate("2011-01-14"), "spec": { "ram": 12, "screen": 9.7, "cpu": 1.66 }, "color":["blue"], "storage":[16,64,128], "inventory":[{"qty": 600, "warehouse": "San Jose"}, { qty: 200, "warehouse": "San Francisco"}]},
  { "_id": 4, "name": "SmartPad", "price": 699, "releaseDate": ISODate("2020-05-14"), "spec": { "ram": 8, "screen": 9.7, "cpu": 1.66 }, "color":["white","orange","gold","gray"], "storage":[128,256,1024], "inventory":[{"qty": 1200, "warehouse": "San Mateo"}]},
  { "_id": 5, "name": "SmartPhone", "price": 599, "releaseDate": ISODate("2022-09-14"), "spec": { "ram": 4, "screen": 5.7, "cpu": 1.66 }, "color":["white","orange","gold","gray"], "storage":[128,256]}
])
```

name field and price field:

```

> db.products.find(
  {},
  { name: 1, price: 1, _id: 0 }
)
< {
  name: 'iPhone',
  price: 799
}
{
  name: 'xTablet',
  price: 899
}
{
  name: 'SmartTablet',
  price: 899
}
{
  name: 'SmartPad',
  price: 699
}
{
  name: 'SmartPhone',
  price: 599
}
vit>
```



Operators:equal

Value:whole number,char,string if exact value u know u can use equal operator)

