# MongoDB Operations

//creating ecommerce database and two collections and inserted data and displayed same data using MongoDB.

```
test> use ecommercedb
switched to db ecommercedb
ecommercedb> db.createCollection('usersCollection')
{ ok: 1 }
ecommercedb> db.createCollection('productsCollection')
{ ok: 1 }
ecommercedb> db.usersCollection.insertOne({name:'John',age:28,city:"hyd"})
{
  acknowledged: true,
  insertedId: ObjectId('65e4543c7d2a2b009dea02c1')
}
ecommercedb> db.users
ecommercedb.users
ecommercedb> db.usersCollection.insertMany({name:'Bhuvi',age:28,city:"hyd"},{name:'Rohith',age:32,city:"mumbai"},{name:'jadeja',age:32,city:"chennai"},{name:'Dhoni',age:40,city:"hyd"},{name:'Kohli',age:26,city:"Delhi"},{name:'Maxwell',age:26,city:"hyd"},{name:'Cummins',age:25,city:"Banglore"},{name:'Smith',age:22,city:"Mumbai"},{name:'Warner',age:18,city:"chennai"})
MongoInvalidArgumentError: Argument "docs" must be an array of documents
ecommercedb> db.usersCollection.insertMany([{name:'Bhuvi',age:28,city:"hyd"},{name:'Rohith',age:32,city:"mumbai"},{name:'jadeja',age:32,city:"chennai"},{name:'Dhoni',age:40,city:"hyd"},{name:'Kohli',age:26,city:"Delhi"},{name:'Maxwell',age:26,city:"hyd"},{name:'Cummins',age:25,city:"Banglore"},{name:'Smith',age:22,city:"Mumbai"},{name:'Warner',age:18,city:"chennai"}])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('65e4553a7d2a2b009dea02c2'),
    '1': ObjectId('65e4553a7d2a2b009dea02c3'),
    '2': ObjectId('65e4553a7d2a2b009dea02c4'),
    '3': ObjectId('65e4553a7d2a2b009dea02c5'),
    '4': ObjectId('65e4553a7d2a2b009dea02c6'),
    '5': ObjectId('65e4553a7d2a2b009dea02c7'),
```

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    '8': ObjectId('65e4553a7d2a2b009dea02ca')
  }
}
ecommercedb> db.productsCollection.insertOne({name:'realme',price:10000})
{
  acknowledged: true,
  insertedId: ObjectId('65e455747d2a2b009dea02cb')
}
ecommercedb> db.productsCollection.insertMany([{name:'Nothing',price:30000},{name:'vivo',price:15000},{name:'one plus',price:50000},{name:'iphone',price:110000},{name:'narzo',price:16500},{name:'poco',price:16000},{name:'oppo',price:18000},{name:'redmi',price:15000},{name:'samsung',price:20000}])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('65e456137d2a2b009dea02cc'),
    '1': ObjectId('65e456137d2a2b009dea02cd'),
    '2': ObjectId('65e456137d2a2b009dea02ce'),
    '3': ObjectId('65e456137d2a2b009dea02cf'),
    '4': ObjectId('65e456137d2a2b009dea02d0'),
    '5': ObjectId('65e456137d2a2b009dea02d1'),
    '6': ObjectId('65e456137d2a2b009dea02d2'),
    '7': ObjectId('65e456137d2a2b009dea02d3'),
    '8': ObjectId('65e456137d2a2b009dea02d4')
  }
}
ecommercedb> db.usersCollection.findOne()
{
  _id: ObjectId('65e4543c7d2a2b009dea02c1'),
  name: 'John',
  age: 28,
  city: 'hyd'
}
```

```
}
ecommercedb> db.usersCollection.find()
[
  {
    _id: ObjectId('65e4543c7d2a2b009dea02c1'),
    name: 'John',
    age: 28,
    city: 'hyd'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c2'),
    name: 'Bhuvi',
    age: 28,
    city: 'hyd'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c3'),
    name: 'Rohith',
    age: 32,
    city: 'mumbai'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c4'),
    name: 'jadeja',
    age: 32,
    city: 'chennai'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c5'),
    name: 'Dhoni',
    age: 40,
    city: 'hyd'
```

```
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c6'),
    name: 'Kohli',
    age: 26,
    city: 'Delhi'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c7'),
    name: 'Maxwell',
    age: 26,
    city: 'hyd'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c8'),
    name: 'Cummins',
    age: 25,
    city: 'Banglore'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02c9'),
    name: 'Smith',
    age: 22,
    city: 'Mumbai'
  },
  {
    _id: ObjectId('65e4553a7d2a2b009dea02ca'),
    name: 'Warner',
    age: 18,
    city: 'chennai'
  }
]
```

```
]
ecommercedb> db.productsCollection.findOne()
{
  _id: ObjectId('65e455747d2a2b009dea02cb'),
  name: 'realme',
  price: 10000
}
ecommercedb> db.productsCollection.find()
[
  {
    _id: ObjectId('65e455747d2a2b009dea02cb'),
    name: 'realme',
    price: 10000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02cc'),
    name: 'Nothing',
    price: 30000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02cd'),
    name: 'vivo',
    price: 15000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02ce'),
    name: 'one plus',
    price: 50000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02cf'),
    name: 'iphone',
```

```
  {
    _id: ObjectId('65e456137d2a2b009dea02cf'),
    name: 'iphone',
    price: 110000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02d0'),
    name: 'narzo',
    price: 16500
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02d1'),
    name: 'poco',
    price: 16000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02d2'),
    name: 'oppo',
    price: 18000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02d3'),
    name: 'redmi',
    price: 15000
  },
  {
    _id: ObjectId('65e456137d2a2b009dea02d4'),
    name: 'samsung',
    price: 20000
  }
]
ecommercedb> |
```