

```

> db.createCollection("Student")
db.createCollection("products")
< { ok: 1 }
> db.Student.insertMany([
  {name: 'Nikhil', company: 'faceprep'},
  {name: 'Rashmi', company: 'ethnus'}
])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('683808b1a33c66e827d3dfd1'),
    '1': ObjectId('683808b1a33c66e827d3dfd2')
  }
}
> 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('683808bca33c66e827d3dfd3'),
    '1': ObjectId('683808bca33c66e827d3dfd4'),
    '2': ObjectId('683808bca33c66e827d3dfd5'),
    '3': ObjectId('683808bca33c66e827d3dfd6'),
    '4': ObjectId('683808bca33c66e827d3dfd7')
  }
}
> db.products.insertMany([
  {_id: 1, name: "xPhone", price: 799, releaseDate: ISODate("2020-08-11"), spec: {ram: 8, screen: 6.5, cpu: 3.0}, color: ["white", "black"], storage: [64, 128]},
  {_id: 2, name: "xTablet", price: 899, releaseDate: ISODate("2011-09-01"), spec: {ram: 16, screen: 9.5, cpu: 3.66}, color: ["white", "black", "purple"], storage: [64, 128]},
  {_id: 3, name: "SmartTablet", price: 899, releaseDate: ISODate("2015-01-11"), spec: {ram: 8, screen: 10.0, cpu: 3.0}},
  {_id: 4, name: "SmartPad", price: 699, releaseDate: ISODate("2021-03-20"), spec: {ram: 6, screen: 8.0, cpu: 2.5}},
  {_id: 5, name: "SmartPhone", price: 599, releaseDate: ISODate("2022-09-14"), spec: {ram: 4, screen: 5.7, cpu: 1.66}, color: ["white", "orange"]}
])
< {
  acknowledged: true,
  insertedIds: {
    '0': 1,
    '1': 2,
    '2': 3,
    '3': 4,
    '4': 5
  }
}

```

```
> db.products.findOne({_id: 2})
< {
  _id: 2,
  name: 'xTablet',
  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
  ]
}
```

```
> db.products.findOne({name: "xTablet"})
< {
  _id: 2,
  name: 'xTablet',
  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
  ]
}
```

```
> db.products.find({_id: 1}, {name: 1, price: 1, "spec.screen": 1})
< {
  _id: 1,
  name: 'xPhone',
  price: 799,
  spec: {
    screen: 6.5
  }
}
```

```
> db.products.find({}, {name: 1, price: 1})
< {
  _id: 1,
  name: 'xPhone',
  price: 799
}
{
  _id: 2,
  name: 'xTablet',
  price: 899
}
{
  _id: 3,
  name: 'SmartTablet',
  price: 899
}
{
  _id: 4,
  name: 'SmartPad',
  price: 699
}
{
  _id: 5,
  name: 'SmartPhone',
  price: 599
}
```

```
> db.products.find({price: {$eq: 899}}, {name: 1, price: 1})
< {
  _id: 2,
  name: 'xTablet',
  price: 899
}
{
  _id: 3,
  name: 'SmartTablet',
  price: 899
}
```