```
#01
dbcmr> show collections


#02
dbcmr> db.createCollection('tblesa')
{ ok: 1 }

#03
dbcmr> show collections
tblesa

#04
dbcmr> db.tblesa.insertOne({
..._id: 1,
...eid: 1001,
...ename: 'x5',
...sal: 500000
})
{ acknowledged: true, insertedId: 1 }

#05
dbcmr> db.tblesa.find()
[ { _id: 1, eid: 1001, ename: 'x5', sal: 500000 } ]

#06
dbcmr> db.tblesa.insertMany([
... {_id:2,eid:1002,ename:'x3',sal:300000},
... {_id:3,eid:1003,ename:'x1',sal:100000},
... {_id:4,eid:1004,ename:'x4',sal:400000},
... {_id:5,eid:1005,ename:'x2',sal:200000}
... ])
{ acknowledged: true, insertedIds: { '0': 2, '1': 3, '2': 4, '3': 5 } }

#07
dbcmr> db.tblesa.find()
[
  { _id: 1, eid: 1001, ename: 'x5', sal: 500000 },
  { _id: 2, eid: 1002, ename: 'x3', sal: 300000 },
  { _id: 3, eid: 1003, ename: 'x1', sal: 100000 },
  { _id: 4, eid: 1004, ename: 'x4', sal: 400000 },
  { _id: 5, eid: 1005, ename: 'x2', sal: 200000 }
]

#08
dbcmr> db.tblesa.updateMany(
... {},
... [{
... $set: {hra: {$divide: [{$multiply: ['$sal',20]}, 100]}}
... }]
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 5,
  modifiedCount: 5,
  upsertedCount: 0
}

#09
dbcmr> db.tblesa.find()
[
  { _id: 1, eid: 1001, ename: 'x5', sal: 500000, hra: 100000 },
  { _id: 2, eid: 1002, ename: 'x3', sal: 300000, hra: 60000 },
```

```
  { _id: 3, eid: 1003, ename: 'x1', sal: 100000, hra: 20000 },
  { _id: 4, eid: 1004, ename: 'x4', sal: 400000, hra: 80000 },
  { _id: 5, eid: 1005, ename: 'x2', sal: 200000, hra: 40000 }
]

#10
dbcmr> db.tblesa.updateMany(
... {},
... [{
... $set: {da: {$divide: [{$multiply: ['$sal',15]}, 100]}}
... }]
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 5,
  modifiedCount: 5,
  upsertedCount: 0
}

#11
dbcmr> db.tblesa.find()
[
  {
    _id: 1,
    eid: 1001,
    ename: 'x5',
    sal: 500000,
    hra: 100000,
    da: 75000
  },
  {
    _id: 2,
    eid: 1002,
    ename: 'x3',
    sal: 300000,
    hra: 60000,
    da: 45000
  },
  {
    _id: 3,
    eid: 1003,
    ename: 'x1',
    sal: 100000,
    hra: 20000,
    da: 15000
  },
  {
    _id: 4,
    eid: 1004,
    ename: 'x4',
    sal: 400000,
    hra: 80000,
    da: 60000
  },
  {
    _id: 5,
    eid: 1005,
    ename: 'x2',
    sal: 200000,
    hra: 40000,
    da: 30000
  }
]
```

```
#12
dbcmr>db.tblesa.updateMany(
... {},
... [{
... $set: {pf: {$divide: [{$multiply: ['$sal',35]}, 100]}}
... }]
... )
{   sal: 100000,
   acknowledged: true,
   insertedId: null,
   matchedCount: 5,
   modifiedCount: 5,
   upsertedCount: 0
}

#13
dbcmr> db.tblesa.updateMany(
... {},
... [{
... $set: {gpay: {$add:['$sal','$hra','$da']}}
... }]
... )
{
   acknowledged: true,
   insertedId: null,
   matchedCount: 5,
   modifiedCount: 5,
   upsertedCount: 0
}

#14
dbcmr> db.tblesa.updateMany(
... {},
... [{
... $set: {npay: {$subtract:['$gpay','$pf']}}
... }]
... )
{
   acknowledged: true,
   insertedId: null,
   matchedCount: 5,
   modifiedCount: 5,
   upsertedCount: 0
}

#15
dbcmr> db.tbler.count()
5

#16
dbcmr> db.tbler.countDocuments({})
5


#17
dbcmr> db.tblesa.find()
[
   {
     _id: 1,
     eid: 1001,
     ename: 'x5',
     sal: 500000,
     hra: 100000,
     da: 75000,
     pf: 175000,
```

```
      gpay: 675000,
      npay: 500000
    },
    {
      _id: 2,
      eid: 1002,
      ename: 'x3',
      sal: 300000,
      hra: 60000,
      da: 45000,
      pf: 105000,
      gpay: 405000,
      npay: 300000
    },
    {
      _id: 3,
      eid: 1003,
      ename: 'x1',
      sal: 100000,
      hra: 20000,
      da: 15000,
      pf: 35000,
      gpay: 135000,
      npay: 100000
    },
    {
      _id: 4,
      eid: 1004,
      ename: 'x4',
      sal: 400000,
      hra: 80000,
      da: 60000,
      pf: 140000,
      gpay: 540000,
      npay: 400000
    },
    {
      _id: 5,
      eid: 1005,
      ename: 'x2',
      sal: 200000,
      hra: 40000,
      da: 30000,
      pf: 70000,
      gpay: 270000,
      npay: 200000
    }
]

#18
dbcmr> db.tblesa.deleteMany({});
{ acknowledged: true, deletedCount: 5 }

#19
dbcmr> db.tblesa.find()

#20
dbcmr> show collections
tblesa

#21
dbcmr> db.tblesa.drop()
true

#22
```

```
dbcmr> show collections
```