

```

#01
dbcmr> show collections

#02
dbcmr> show dbs
admin    40.00 KiB
config   96.00 KiB
dbspr    40.00 KiB
local    72.00 KiB
udbts    72.00 KiB

#03
dbcmr> db.createCollection('tbler')
{ ok: 1 }

#04
dbcmr> show collections
tbler

#05
dbcmr> show dbs
admin    40.00 KiB
config   96.00 KiB
dbcmr     8.00 KiB
dbspr    40.00 KiB
local    72.00 KiB
udbts    72.00 KiB

#06
dbcmr> db.tbler.insertOne({
...  rno: 1001,
...  sname: 'x5',
...  m1: 56.5,
...  m2: 63,
...  total: this.m1 + this.m2,
...  avg: this.total / 2,
...  result: (this.m1 > 34.4 && this.m2 > 34.4 ? 'Pass' : 'Fail')
... })
{
  acknowledged: true,
  insertedId: ObjectId('694a1f8222c8edbe721e2621')
}

#07
dbcmr> db.tbler.find()
[
  {
    _id: ObjectId('694a1f8222c8edbe721e2621'),
    rno: 1001,
    sname: 'x5',
    m1: 56.5,
    m2: 63,
    total: NaN,
    avg: NaN,
    result: 'Fail'
  }
]

#08
dbcmr> db.tbler.insertOne({
...  _id: 1,
...  rno: 1002,
...  sname: 'x3',

```

```
... m1:45.5,
... m2:52,
... total:this.m1+this.m2,
... avg:this.total / 2,
... resul:(this.m1 > 34.4 && this.m2 >34.4 ?'Pass' : 'Fail')
... })
{ acknowledged: true, insertedId: 1 }
```

#09

```
dbcmr>db.tbler.insertOne({
... _id:1,
... rno:1003,
... sname:'x1',
... m1:61,
... m2:54.5,
... total:this.m1+ this.m2,
... avg:this.total/ 2,
... resul:(this.m1 > 34.4 && this.m2 >34.4 ?'Pass' : 'Fail')
... })
```

MongoServerError: E11000 duplicate key error collection: test.tbler index: \_id\_ dup key: { \_id: 1 }

#10

```
dbcmr> db.tbler.insertOne({
... _id:2,
... rno:1003,
... sname:'x1',
... m1:61,
... m2:54.5,
... total: (isNaN(Number(this.m1)) ? 0 : Number(this.m1)) + (isNaN(Number(this.m2)) ? 0 :
Number(this.m2)),
... avg: (isNaN(Number(this.total)) ? 0 : Number(this.total)) / 2,
... result: (this.m1 > 34.4 && this.m2 >34.4 ? 'Pass' : 'Fail')
... })
{ acknowledged: true, insertedId: 2 }
```

#11

```
dbcmr> db.tbler.find()
```

```
[
  {
    _id: ObjectId('694a1f8222c8edbe721e2621'),
    rno: 1001,
    sname: 'x5',
    m1: 56.5,
    m2: 63,
    total: NaN,
    avg: NaN,
    result: 'Fail'
  },
  {
    _id: 1,
    rno: 1002,
    sname: 'x3',
    m1: 45.5,
    m2: 52,
    total: NaN,
    avg: NaN,
    resul: 'Fail'
  },
  {
    _id: 2,
    rno: 1003,
    sname: 'x1',
    m1: 61,
    m2: 54.5,
    total: 0,
```

```
    avg: 0,  
    result: 'Fail'  
  }  
]
```