MSC DATA SCIENCE & AI
L026
QURESHI AFRIN
PRACTICAL 03 : CRUD using MongoDB

```
Microsoft Windows [Version 10.0.22621.2861]
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C:\Users\Qureshi>mongodb
test> show dbs;
admin   40.00 KiB
config  60.00 KiB
local   40.00 KiB
test> db.createCollection("users")
{ ok: 1 }
test>  use afrin;
switched to db afrin
afrin> db.createCollection("users")
{ ok: 1 }
afrin> db.users.insertOne()
MongoshInvalidInputError: [COMMON-10001] Missing required argument at position 0
(Collection.insertOne)
afrin> db.users.insertOne({'name' : "Afrin",age:21})
{
  acknowledged: true,
  insertedId: ObjectId('65d0829200f75f36f2d3ae49')
}
afrin> db.users.find();
[
  { _id: ObjectId('65d0829200f75f36f2d3ae49'), name: 'Afrin', age: 21 }
]
afrin> db.users.insertOne({age:23});
{
  acknowledged: true,
  insertedId: ObjectId('65d0840d00f75f36f2d3ae4a')
}
afrin> db.users.find();
[
  { _id: ObjectId('65d0829200f75f36f2d3ae49'), name: 'Afrin', age: 21 },  { _id:
ObjectId('65d0840d00f75f36f2d3ae4a'), age: 23 }
]
afrin> db.users.insertMany([{ name :
"Rose",age:15},{name:"liza",age:18},{name:"jenelia",age:20}]);
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('65d084c800f75f36f2d3ae4b'),
    '1': ObjectId('65d084c800f75f36f2d3ae4c'),
    '2': ObjectId('65d084c800f75f36f2d3ae4d')
  }
```

```
}
afrin> db.users.find();
[
  { _id: ObjectId('65d0829200f75f36f2d3ae49'), name: 'Afrin', age: 21 },
  { _id: ObjectId('65d0840d00f75f36f2d3ae4a'), age: 23 },
  { _id: ObjectId('65d084c800f75f36f2d3ae4b'), name: 'Rose', age: 15 },
  { _id: ObjectId('65d084c800f75f36f2d3ae4c'), name: 'liza', age: 18 },
  {
    _id: ObjectId('65d084c800f75f36f2d3ae4d'),
    name: 'jenelia',
    age: 20
  }
]
afrin> db.users.findOne({name:'liza'});
{ _id: ObjectId('65d084c800f75f36f2d3ae4c'), name: 'liza', age: 18 }
afrin> db.users.findOne({age:18});
{ _id: ObjectId('65d084c800f75f36f2d3ae4c'), name: 'liza', age: 18 }
afrin>
afrin> db.users.updateOne({age:23},{$set:{name:"pluto"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
afrin> db.users.find();
[
  { _id: ObjectId('65d0829200f75f36f2d3ae49'), name: 'Afrin', age: 21 },
  { _id: ObjectId('65d0840d00f75f36f2d3ae4a'), age: 23, name: 'pluto' },
  { _id: ObjectId('65d084c800f75f36f2d3ae4b'), name: 'Rose', age: 15 },
  { _id: ObjectId('65d084c800f75f36f2d3ae4c'), name: 'liza', age: 18 },
  {
    _id: ObjectId('65d084c800f75f36f2d3ae4d'),
    name: 'jenelia',
    age: 20
  }
]
afrin> db.user.drop();
true
```