HW Session 17 No SQL

Dalam collection sample_training.zips tambahkan field boolean "**capital**" untuk
semua dokumen yang berkaitan dengan **ALBANY**, dan **NEW YORK**.
Untuk semua dokumen ALBANY, Value dari tiap Field harus **true** dan untuk semua
dokumen NEW YORK, Value dari tiap Field harus **false**

- ENTER to collections sample_training.zips

```
PS C:\Users\jilli> mongosh "mongodb+srv://cluster0.wjeni.mongodb.net/" --apiVersion 1 -u=user1 -p=user1
Current Mongosh Log ID: 621661815f3fb1b07de79363
Connecting to:          mongodb+srv://cluster0.wjeni.mongodb.net/?appName=mongosh+1.1.9
Using MongoDB:          5.0.6 (API Version 1)
Using Mongosh:          1.1.9

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

Warning: Found ~/.mongorc.js, but not ~/.mongoshrc.js. ~/.mongorc.js will not be loaded.
   You may want to copy or rename ~/.mongorc.js to ~/.mongoshrc.js.
Atlas atlas-5hyesd-shard-0 [primary] test> show dbs
jil_tes           4.18 MB
sample_airbnb       55 MB
sample_analytics   9.57 MB
sample_geospatial  2.41 MB
sample_mflix       49.2 MB
sample_restaurants 8.42 MB
sample_supplies    1.17 MB
sample_training    57.8 MB
sample_weatherdata 3.76 MB
sampling_training  73.7 kB
admin                344 kB
local              2.82 GB
Atlas atlas-5hyesd-shard-0 [primary] test> use sampl
use sample_airbnb        use sample_analytics    use sample_geospatial    use sample_mflix        use sample_restaurants
use sample_supplies      use sample_training     use sample_weatherdata  use sampling_training

Atlas atlas-5hyesd-shard-0 [primary] test> use sample_training
switched to db sample_training
Atlas atlas-5hyesd-shard-0 [primary] sample_training> show collections
companies
grades
inspections
posts
routes
trips
zips
Atlas atlas-5hyesd-shard-0 [primary] sample_training> db
```

- Add collum capital and update value with bollean ALBANY calital = True ; NEW YORK=False

Script

```
db.zips.updateMany({ city: "ALBANY" }, { $set: { capital: true } })

db.zips.updateMany({ city: "NEW YORK" }, { $set: { capital: false } })
```

```
    loc: { y: 42.65677, x: 73.76052 },
    pop: 9374,
    state: 'NY',
    'capital?': true,
    cap: 'true',
    capital: true
},
{
    _id: ObjectId("5c8eccc1caa187d17ca73da9"),
    city: 'ALBANY',
    zip: '45710',
    loc: { y: 39.209664, x: 82.217727 },
    pop: 4090,
    state: 'OH',
    cap: 'true',
    capital: true
},
{
    _id: ObjectId("5c8eccc1caa187d17ca740d0"),
    city: 'ALBANY',
    zip: '97321',
    loc: { y: 44.627722, x: 123.094409 },
    pop: 42908,
    state: 'OR',
    cap: 'true',
    capital: true
},
{
    _id: ObjectId("5c8eccc1caa187d17ca74ef5"),
    city: 'ALBANY',
    zip: '76430',
    loc: { y: 32.719005, x: 99.319581 },
    pop: 2858,
    state: 'TX',
    cap: 'true',
    capital: true
},
{
    _id: ObjectId("5c8eccc1caa187d17ca75515"),
    city: 'ALBANY',
    zip: '05820',
    loc: { y: 44.734427, x: 72.34181 },
    pop: 782,
    state: 'VT',
    cap: 'true',
    capital: true
}
]
```

Result ALBANY city

```
Atlas atlas-5hyesd-shard-0 [primary] sample_training> db.zips.updateMany({ city: "NEW YORK" }, { $set: { capital: false
} })
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 40,
  modifiedCount: 40,
  upsertedCount: 0
}
Atlas atlas-5hyesd-shard-0 [primary] sample_training> db.zips.updateMany({ city: "ALBANY" }, { $set: { capital: true } }
)
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 22,
  modifiedCount: 22,
  upsertedCount: 0
}
Atlas atlas-5hyesd-shard-0 [primary] sample_training>
```

Result NEW YORK city

```
    loc: { y: 40.759729, x: 73.982347 },
    pop: 393,
    state: 'NY',
    cap: 'false',
    capital: false
  },
  {
    _id: ObjectId("5c8eccc1caa187d17ca72fa0"),
    city: 'NEW YORK',
    zip: '10021',
    loc: { y: 40.768476, x: 73.958805 },
    pop: 106564,
    state: 'NY',
    cap: 'false',
    capital: false
  },
  {
    _id: ObjectId("5c8eccc1caa187d17ca72fa1"),
    city: 'NEW YORK',
    zip: '10016',
    loc: { y: 40.744281, x: 73.978134 },
    pop: 51561,
    state: 'NY',
    cap: 'false',
    capital: false
  },
  {
    _id: ObjectId("5c8eccc1caa187d17ca72fa2"),
    city: 'NEW YORK',
    zip: '10024',
    loc: { y: 40.786446, x: 73.976385 },
    pop: 65141,
    state: 'NY',
    cap: 'false',
    capital: false
  },
  {
    _id: ObjectId("5c8eccc1caa187d17ca72fa3"),
    city: 'NEW YORK',
    zip: '10022',
    loc: { y: 40.757091, x: 73.965703 },
    pop: 31870,
    state: 'NY',
    cap: 'false',
    capital: false
  }
]
Type "it" for more
Atlas atlas-5hyesd-shard-0 [primary] sample_training>
```