

LAB TASK 12

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19P0067_4A

Task1, Task 2

```
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> use 19P0067_4A
switched to db 19P0067_4A
> db.cites
19P0067_4A.cites
> db.moviepeople_1000
19P0067_4A.moviepeople_1000
>
```

Task3

```
C:\Users\abdul>mongoimport --db 19P0067_4A --collection cities --file c:\cities.jsonl
2021-06-05T01:01:23.908+0500 connected to: mongod://localhost/
2021-06-05T01:01:26.301+0500 99838 document(s) imported successfully. 0 document(s) failed to import.
```

```
> use 19P0067_4A
switched to db 19P0067_4A
> show collections
cities
moviepeople_1000
> db.cities.find()
{ "_id" : ObjectId("60ba86933a40910a422ef336"), "name" : "les Escaldes", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 15853, "location" : { "longitude" : 42.50729, "latitude" : 1.53414 } }
{ "_id" : ObjectId("60ba86933a40910a422ef337"), "name" : "Sant Julià de Lòria", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 8022, "location" : { "longitude" : 42.46372, "latitude" : 1.49129 } }
{ "_id" : ObjectId("60ba86933a40910a422ef338"), "name" : "Ordino", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 3066, "location" : { "longitude" : 42.55623, "latitude" : 1.53319 } }
{ "_id" : ObjectId("60ba86933a40910a422ef339"), "name" : "Pas de la Casa", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 2363, "location" : { "longitude" : 42.54277, "latitude" : 1.73361 } }
{ "_id" : ObjectId("60ba86933a40910a422ef33a"), "name" : "la Massana", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 7211, "location" : { "longitude" : 42.54499, "latitude" : 1.51483 } }
{ "_id" : ObjectId("60ba86933a40910a422ef33b"), "name" : "Encamp", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 11223, "location" : { "longitude" : 42.53333, "latitude" : 1.58333 } }
{ "_id" : ObjectId("60ba86933a40910a422ef33c"), "name" : "Canillo", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 3292, "location" : { "longitude" : 42.56667, "latitude" : 1.6 } }
{ "_id" : ObjectId("60ba86933a40910a422ef33d"), "name" : "Andorra la Vella", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 20430, "location" : { "longitude" : 42.50779, "latitude" : 1.52109 } }
{ "_id" : ObjectId("60ba86933a40910a422ef33e"), "name" : "Ariensal", "country" : "AD", "timezone" : "Europe/Andorra", "population" : 1419, "location" : { "longitude" : 42.57205, "latitude" : 1.48453 } }
{ "_id" : ObjectId("60ba86933a40910a422ef33f"), "name" : "Ra's al Khaymah", "country" : "AE", "timezone" : "Asia/Dubai", "population" : 115949, "location" : { "longitude" : 25.79111, "latitude" : 55.94278 } }
{ "_id" : ObjectId("60ba86933a40910a422ef340"), "name" : "Umm al Qaywayn", "country" : "AE", "timezone" : "Asia/Dubai", "population" : 44411, "location" : { "longitude" : 25.56528, "latitude" : 55.55333 } }
{ "_id" : ObjectId("60ba86933a40910a422ef341"), "name" : "Khawr Fakkān", "country" : "AE", "timezone" : "Asia/Dubai", "population" : 33575, "location" : { "longitude" : 25.33917, "latitude" : 56.35611 } }
{ "_id" : ObjectId("60ba86933a40910a422ef342"), "name" : "Dibā", "country" : "AE", "timezone" : "Asia/Dubai", "population" : 26395, "location" : { "longitude" : 25.61667, "latitude" : 56.26667 } }
{ "_id" : ObjectId("60ba86933a40910a422ef343"), "name" : "Dubai", "country" : "AE", "timezone" : "Asia/Dubai", "population" : 1137347, "location" : { "longitude" : 25.25222, "latitude" : 55.28 } }
{ "_id" : ObjectId("60ba86933a40910a422ef344"), "name" : "Sharjah", "country" : "AE", "timezone" : "Asia/Dubai", "population" : 543733, "location" : { "longitude" : 25.36222, "latitude" : 55.39111 } }
```

Same for moviepeople_1000

```
---
> use 19P0067_4A
switched to db 19P0067_4A
> show collections
cities
moviepeople-1000
moviepeople_1000
> db.moviepeople_1000.find()
{ "_id" : ObjectId("60ba89fccfaf0096eeca8884"), "person-name" : "Bell, William J.", "info" : { "quotes" : [ "My wife, 'Lee Phillip Bell' (qv) had her own televi
w in Chicago when I started doing serials. We both knew there were problems with security in the television business, so we promised each other that if one of u
red, the other would quit his job and we'd go live in Europe for a year. Neither one of us were ever fired, and we've been working ever since.", "On 'Irna Phill
): I used to come home for lunch in grammar school and listen to [error] on the radio. After the title the announcer would say 'created by Irna Phillips'. Her n
ingrained in my mind. I met Irna in 1954 and I asked I could try writing for her. She let me write a week of sample scripts.", "In 1992: I imagine the day will
n 'The Bold and the Beautiful' (1987) (qv) becomes an hour show and I'd like to create another soap. It would be fun to do a play, but I don't know if I'll ever
und to it. Scripting daytime is very consuming. But it's exciting to see what you write come to life every day.", "On 'The Young and the Restless' (1973) (qv):
tely loved the Fosters and the Brooks. It took us three-and-a-half years on the air to go to first place. That was exciting, because we were doing different kin
ories with young people as a focus.", "On writing for daytime: You have to have darn good characters that people like, admire, can relate to or hate; but feel s
of emotion about and you have to have interesting stories with a heartbeat to them stories [viewers] can relate too, escape with, and learn from in terms of so
ues. I'm a strong believer that we're here to do more than entertain, that we're here to impact on the lives of our audience." ], "trivia" : [ "Father-in-law of
Arena Bell' (qv) and 'Colleen Bell (II)' (qv).", "Said to have contributed to the writing of some 15,000 daytime TV soap-opera episodes.", "Father of 'Lauralee
v), 'William J. Bell Jr.' (qv), and 'Bradley Bell (I)' (qv).", ], "birthnotes" : [ "Chicago, Illinois, USA" ], "birthdate" : [ "6 March 1927" ], "deathdate" : [
1 2005" ], "spouse" : [ "'Lee Phillip Bell' (qv) (October 1954 - 29 April 2005) (his death; 3 children" ], "birthname" : [ "Bell, William Joseph" ], "books" :
ey, Michael with 'Lee Phillip Bell' (qv). 'The Young and the Restless Life of William J. Bell: Creator of The Young and the Restless and The Bold and the Beautiful.
ille, IL: Sourcebooks, 2012. ISBN 1402272111" ], "article" : [ "The New York Times (USA), 3 May 2005, pg. B8, by: Associated Press, William J. Bell, 78, Creator
Operas", "TV Guide (USA), 22 May 2005, Vol. 53, Iss. 21, pg. 13, by: Michael Logan, Tribute: William J. Bell", "NY Soaps Examiner (USA), 18 June 2010, by: Nanc
, Proper Manors An Interview with Pietro D'Alessio creator of this new soap." ], "deathnotes" : [ "Los Angeles, California, USA (complications from Alzheimer's
" ] } }
{ "_id" : ObjectId("60ba89fccfaf0096eeca8885"), "person-name" : "Bell, Lee Phillip", "info" : { "trivia" : [ "Mother-in-law of 'Colleen Bell (II)' (qv) and 'Mar
Bell' (qv).", "Mother of actress 'Lauralee Bell' (qv), writer/producer 'Bradley Bell (I)' (qv) and TV executive 'William J. Bell Jr.' (qv).", ], "birthnotes" :
go, Illinois, USA" ], "spouse" : [ "'William J. Bell' (qv) (October 1954 - 29 April 2005) (his death; 3 children" ], "birthname" : [ "Phillip, Lee" ] } }
{ "_id" : ObjectId("60ba89fccfaf0096eeca8886"), "person-name" : "Bell, Bradley", "info" : { "trivia" : [ "Brother-in-law of 'Maria Arena Bell' (qv).", "Father o
y (Chase) Chasen, Caroline Catherine, Charlotte Cordelia and Oliver Phillip Bell.", "Middle brother of 'Lauralee Bell' (qv) and 'William J. Bell Jr.' (qv).", "S
William J. Bell' (qv) and 'Lee Phillip Bell' (qv)" ], "minibiography" : [ "Born in Chicago on June 29, 1964, Bradley Phillip Bell is one of three children born t
ary television pioneers, 'Lee Phillip Bell' (qv), an Emmy Award-winning broadcast journalist and talk show personality, and the late Emmy Award- winning 'Willia
l' (qv) who created of the most popular daytime dramas ever. After graduating from the Chicago Latin School, Bradley Bell attended the University of Colorado at
l, the University of Wisconsin at Madison, and concluded his studies at UCLA, majoring in television production. Beginning in 1984 Bradley Bell started his care
time. Taught by his father and serving as an unofficial member of the writing staff of 'The Young and the Restless' (1973) (qv) writing breakdowns and scripts.
```

TASK4

1)

```
> db.cities.distinct('name',{timezone : 'Africa/Harare'})
[
  "Banket",
  "Beatrice",
  "Beitbridge",
  "Bindura",
  "Binga",
  "Bulawayo",
  "Centenary",
  "Chakari",
  "Chegutu",
  "Chimanimani",
  "Chinhoyi",
  "Chipinge",
  "Chiredzi",
  "Chirundu",
  "Chitungwiza",
  "Chivhu",
  "Concession",
  "Dete",
  "Dorowa Mining Lease",
  "Epworth",
  "Esigodini",
  "Filabusi",
  "Glendale",
  "Gokwe",
  "Gwanda",
  "Gweru",
  "Harare",
  "Headlands",
  "Hwange",
  "Insiza",
  "Inyathi",
  "Kadoma",
  "Kamativi Mine",
  "Kariba",
  "Karoi",
  "Kwekwe",
  "Lalapanzi",
  "Lupane",
  "Macheke",
  "Marondera",

```

2)

```
> db.cities.find({ population:{ $gt:12985000 }},{name:1,population:1})
{ "_id" : ObjectId("60ba86933a40910a422ef617"), "name" : "Buenos Aires", "population" : 13076300 }
{ "_id" : ObjectId("60ba86943a40910a422f1a09"), "name" : "Shanghai", "population" : 14608512 }
>
```

3)

```
> db.cities.find({"location.longitude":{$eq:-58.37723}},{location:1,population:1}).pretty()
{
  "_id" : ObjectId("60ba86933a40910a422ef617"),
  "population" : 13076300,
  "location" : {
    "latitude" : -34.61315,
    "longitude" : -58.37723
  }
}
```

Task5

```
> db.cities.update({"population":35000,"country":"PK","location.latitude":73.2122},{ $set:{"population":55000}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
>
```

TASK 6

```
> db.cities.remove({"timezone":"Asia/Karachi","country":"PK"})
WriteResult({ "nRemoved" : 424 })
>
```

TASK 7

```
> db.moviepeople_1000.find({"info.birthname":"Freeman, Crispin McDougal"}).pretty()
{
  "_id" : ObjectId("60ba89fccfaf0096eeca8c66"),
  "person-name" : "Freeman, Crispin",
  "info" : {
    "quotes" : [
      "On advice to aspiring voice-over actors: For myself, I'm in the favor of the more versatile kind of voice who can do all sorts of roles and transform. But to do that you have to have chops, and the best way to get them is through the classics, especially Shakespeare. It teaches you a lot about breathing, and idea and intention and rhythm. He's written the characters into the very poetry of the language, and if you try to get into and match his poetry it will take you out of your normal language patterns and that's the beginning of creating a character, not playing your mundane, everyday self. It's so verbally based, and in voice-acting, all you've got is your voice."
    ],
    "trivia" : [
      "Said he was a little nervous about taking on the role of Zelgadis in Slayers because the character had already been voiced by someone else. When it came to reinterpreting the character, he said he thought that Zelgadis had more of an axe to grind.",
      "Fluent in English and Spanish.",
      "Is a big fan of authors 'William Shakespeare (I)' (qv), 'J.R.R. Tolkien' (qv), 'Joseph Campbell (III)' (qv), 'Marshall McLuhan' (qv), and 'William Gibson (II)' (qv).",
      "Is a big fan of anime creators 'Hayao Miyazaki' (qv) and 'Osamu Tezuka (I)' (qv).",
      "Frequently does voice overs for various union and non-union voice production companies for some video games and mostly animes.",
      "Has a younger brother, 'Clark Freeman' (qv), and a younger sister, 'Cassidy Freeman' (qv).",
      "Graduated from Williams College with a B.A. in theater & a minor in computer science",
      "Graduated from Columbia University with an M.F.A. in acting",
      "Is one of the only English-speaking voice actors to voice the same character of all Xenosaga video game series. Crispin was the only voice actor to provide the English voice of Albedo and Gaignun Kukai of the series.",
      "On August 11, 2007, he married 'Izobel Carol' (qv) on The Big Island of Hawaii.",
      "He and Veronica Taylor both came to the anime Slayers series as replacements - she replaced Joan Baker as Amelia and he replaced Daniel Cronin as Zelgadis."
    ],
    "minibiography" : [
      "Crispin is the oldest of three. He has a younger brother, Clark, and youngest sister, Cassidy. All three attended the Latin School of Chicago where Crispin graduated in a class of 60 in 1990. Crispin had a Mac in 1985. To this day he is still an avid computer geek. He played no official team sports in school but participated in ad hoc football played in Lincoln Park. Crispin was an active participant in many school plays both on and behind stage. He's also a genuinely nice and humble person."
    ],
    "biography" : [
      "Crispin is the oldest of three. He has a younger brother, Clark, and youngest sister, Cassidy. All three attended the Latin School of Chicago where Crispin graduated in a class of 60 in 1990. Crispin had a Mac in 1985. To this day he is still an avid computer geek. He played no official team sports in school but participated in ad hoc football played in Lincoln Park. Crispin was an active participant in many school plays both on and behind stage. He's also a genuinely nice and humble person."
    ]
  }
}
```