

Fundamentos de mongoDB

Practica 3 Cursores

Objetivo

- Aprender a utilizar los cursores

Procedimiento

1. Inicia el servidor mongoDB mediante el demonio mongod.exe y conéctate al servidor usando mongo CLI mongo.exe
2. Crea la base de datos devmongodb si es que no existe.
3. Crea la colección people en devmongodb mediante el siguiente comando:

```
db.people.insertMany([
  {name:"Mary",gender:"female",size:1.72,weight:54,phone:"+51 2345679", age:25
  ,email:"mary.smith@gmail.com",company:"AWS",isActive:true,address:[{primary:"100
  Boulevard Miami",secondary:"303 St. Geneva Rome"}]},
  {name:"Charles",gender:"male",size:1.86,weight:90,phone:"+86 7345674", age:35
  ,email:"charles.slate@yahoo.com",company:"Redhat",isActive:true},
  {name:"Danny",gender:"male",size:1.91,weight:102,phone:"+1 8445663", age:25
  ,email:"danny.lasalle@growing.com",company:"AWS",isActive:false,address:[{primary:"10
  2 Bronco Texas",secondary:"404 Borbon Street Lousiana"}]},
  {name:"Richard",gender:"male",size:1.82,weight:83,phone:"+86 2545671", age:35
  ,email:"richard.jhonson@gmail.com",company:"Open cloud",isActive:true},
  {name:"Yenny",gender:"female",size:1.75,weight:56,phone:"+51 2345459", age:29
  ,email:"yenny.sullivan@gmail.com",company:"AWS",isActive:false,address:[{primary:"505
  Renfer Madrid",secondary:"345 Republica Barcelona"}]},
  {name:"Rob",gender:"male",size:1.79,weight:85,phone:"+51 7145679", age:35
  ,email:"rob.sax@mshaw.com",company:"Microsoft Inc",isActive:false},
  {name:"Brain",gender:"male",size:1.90,weight:92,phone:"+1 8947679", age:45
  ,email:"brain.dawner@yahoo.com",company:"AWS",isActive:true},
  {name:"Jane",gender:"male",size:1.56,weight:55,phone:"+1 8345663", age:25
  ,email:"jane.gross@growing.com",company:"MongoDB Inc",isActive:true}
]);
```

4. Determina cuantas mujeres existen en la colección people.

5. Determina cuantas personas en `people` tienen más de 25 años
6. Utilizando cursores imprime en formato JSON todas las personas que trabajan en Microsoft.
7. Mediante una consulta obtén las personas que viven en Madrid
8. Cuantas personas trabajan en MongoDB Inc.
9. Usando cursores muestra las personas que trabajan en AWS usando la función `forEach (...)`
10. Modifica la sentencia del punto 9 para que tenga un “batch size” de 2.