DBMS HW6 Report

許致銓 R10625016

1. MongoDB

a. Task1

b. Task2

c. Task3

d. Task4

```
w6 — cyDe/2024/DB/2024-Spring-Database-Management-System-From-SQL-to-NoSQL/H/HW6 D P main !1 mongoimport — type=csv — db=h w6 — collection=students — headerline — file='Hw6_file/new_studentE.csv' 2024-06-04117:37:07.764+0800 connected to: mongodb://localhost/ 3 document(s) imported successfully. 0 document(s) failed to import.
```

(不好意思,在執行時已經執行過一次未 import new_studentE.csv 時的 update,所以 modifiedCount 在這邊只有 3)

e. Task5

```
> db.students.aggregate([
      { $match: {
         updated: {
             $gte: ISODate("2024-06-01T00:00:00.000Z"),
             $1te: ISODate("2024-06-30T23:59:59.999Z")
     }},
     { $group: {
         _id: "$dept",
         count: { $sum: 1 }
     }},
     { $out: "tally" }
 ]);
> db.tally.find();
   _id: '森林環資所',
   _id: '太空所',
   _id: '太空系',
hw6>
```

f. Task6

```
The collection of the content of th
```

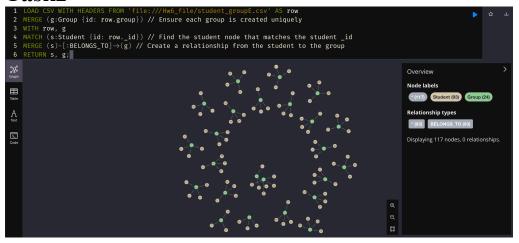
g. Task7

2. Neo4j a. Task1

```
1 LOAD CSV WITH HEADERS FROM 'file:///Hw6_file/studentE.csv' AS row
2 CREATE (s:Student {
    id: row._id,
    position: row.position,
    dept: row.dept,
    year: toInteger(row.year),
    name: row.name,
    email: row.email,
    class: row.class
    );

#### Added 103 labels, created 103 nodes, set 719 properties, completed after 82 ms.
```

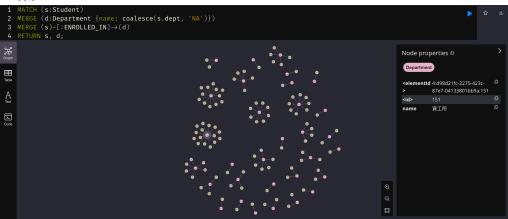
b. Task2



c. Task3



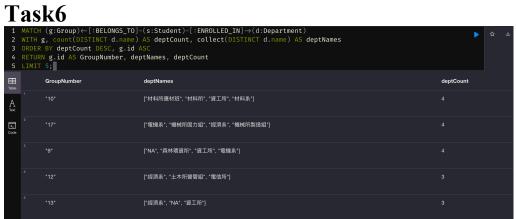
d. Task4



e. Task5



f. Task6



g. Task7

