

CSC424 - Assignment 3

Due: 03/08/2019 at 11:59 PM

**Note: Make sure to attach the full NoSQL code
and
the output (projection) in text format.**

1. How many scores are there?
2. What are the different kinds of scores?
3. How many of each kind of score does each student have?
4. How many students got at least a 92 on their exam?
5. How many students got less than a 61 on their quiz?
6. Create a copy of all the scores in another collection to use later, then update all the students who got less than a 60 on any kind of score with a new field, needs
Help: true
7. Find the student with the lowest number which has the lowest overall quiz score and then delete all the scores for that student - he was expelled.
8. A new student transferred to your school, add them to the scores collection.
9. Find all the students who have the essay scores less than 60, and then add the following fields to all those documents. major: "not decided yet" and status: "sophomore"
10. Find all the students who have the quiz scores greater than 70, and then add the following fields to all those documents. major: "Computer Science", status: "sophomore", and catalogue: 2019
11. Find all the students who have the quiz less than 60, and then add the following field to all those documents. status: "rejected".

Download the JSON file

<https://drive.google.com/open?id=1eC30qtP7ui1LIO6c6zGEaqR0h3zvK8tV>

Import data

```
mongorestore --drop -d students -c grades grades.bson
```

Verify your import

checking for collection data in grades.bson

restoring students.grades from grades.bson

no indexes to restore

finished restoring students.grades (3000 documents)

done