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WEB335 Introduction to NoSQL

WEEK 6: Assignment 6.2 - Aggregate Queries

Git Hub: https://github.com/Zsa-who-wa/web-335.git

# **Code & Queries with Results**

### SCREENSHOT 1: Load house.js | a. display all students

```
Microsoft Windows (Version 10.0.26100.4340)
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```

### SCREENSHOT 2: a. display all students CONTINUED

### SCREENSHOT 3: a. display all students CONTINUED

```
lastName: 'chang',
studentId: 's1015',
houseId: 'h1809',

{
    __id: ObjectId('6869efd85a8cf4d5ef748a6c'),
    firstName: 'Lucius',
    lastName: 'Halfoy',
    studentId: 's1016',
    houseId: 'h1010'

}

id: ObjectId('6869efd85a8cf4d5ef748a6d'),
firstName: 'Albus',
    lastName: 'Potter',
    studentId: 's1017',
    houseId: 'h1010'

}

id: ObjectId('6869efd85a8cf4d5ef748a6d'),
firstName: 'Potter',
    studentId: 's1017',
    houseId: 'h1010'

}

id: ObjectId('6869efd85a8cf4d5ef748a6e'),
firstName: 'Bellatrix',
    lastName: 'Lestrange',
    studentId: 's1018',
    houseId: 'h1010'

}

lostName: 'Lestrange',
    studentId: 's1018',
    houseId: 'h1010'

}

lostName: 'Lestrange',
    studentId: 's1018',
    houseId: 'h1010'

}

lostName: 'Lestrange',
    studentId: 's1018',
    houseId: 'h1010'
```

#### **SCREENSHOT 4:**

- b. Add a new student/Verify new student was added AND
- c. Update property of new student's last name/Verify new student's last name was updated successfully

#### **SCREENSHOT 5:**

- d. Delete new student that was just added/Verify new student was deleted AND
- e. Display all students by house

#### **SCREENSHOT 6:**

e. Display all students by house CONTINUED

#### **SCREENSHOT 7:**

e. Display all students by house CONTINUED

```
| FirstName: 'Hannah',
| lastName: 'Hannah',
| lastName: 'Abbott',
| studentd: 'Sabla',
| house: 'Isagle',
| founder: 'Bomena Ravenclam',
| students: [
| id: ObjectId('6869efd85a8cf4d5ef748a69'),
| firstName: 'Luna',
| lastName: 'Lucyapodd',
| students: [
| id: ObjectId('6869efd85a8cf4d5ef748a6a'),
| firstName: 'Sabla',
| lastName: 'Sabla',
| lastName: 'Sybll',
| lastName: 'Cho',
| lastName: 'Cho',
| lastName: 'Cho',
| lastName: 'Shama',
| houseId: 'hl899',
| houseId: 'hl899',
| houseId: 'hl899',
| houseId: 'hl899',
| houseId: 'Salazar Slytherin',
| students: [
| {
```

#### **SCREENSHOT 8:**

e. Display all students by house CONTINUED

#### **SCREENSHOT 8:**

f. Display all students in Gryffindor house

#### **SCREENSHOT 9:**

f. Display all students in Gryffindor house CONTINUED

# SCREENSHOT 9: g. Display all students in house with Eagle Mascot

# SCREENSHOT 10: g. Display all students in house with Eagle Mascot CONTINUED

```
lastName: 'Trelawney',
    studentId: 's1014',
    houseId: 'h1009'

{
    _id: ObjectId('6869efd85a8cf4d5ef748a6b'),
    firstName: 'Cho',
    lastName: 'Cho',
    studentId: 's1015',
    houseId: 'h1009'
    }
    house: 'h1009'
}
test> |
```