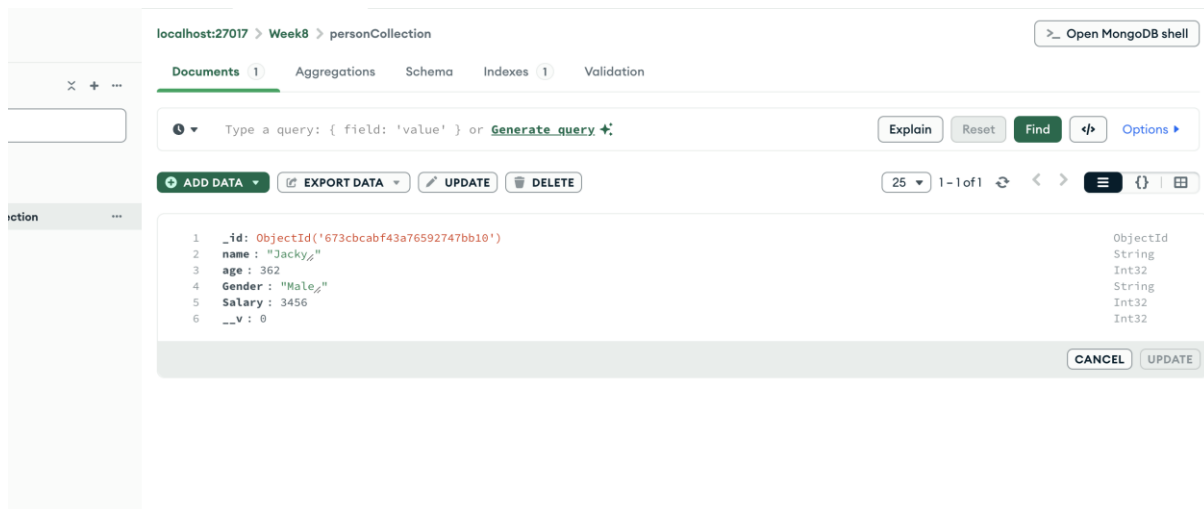


## Week 8 cn5006

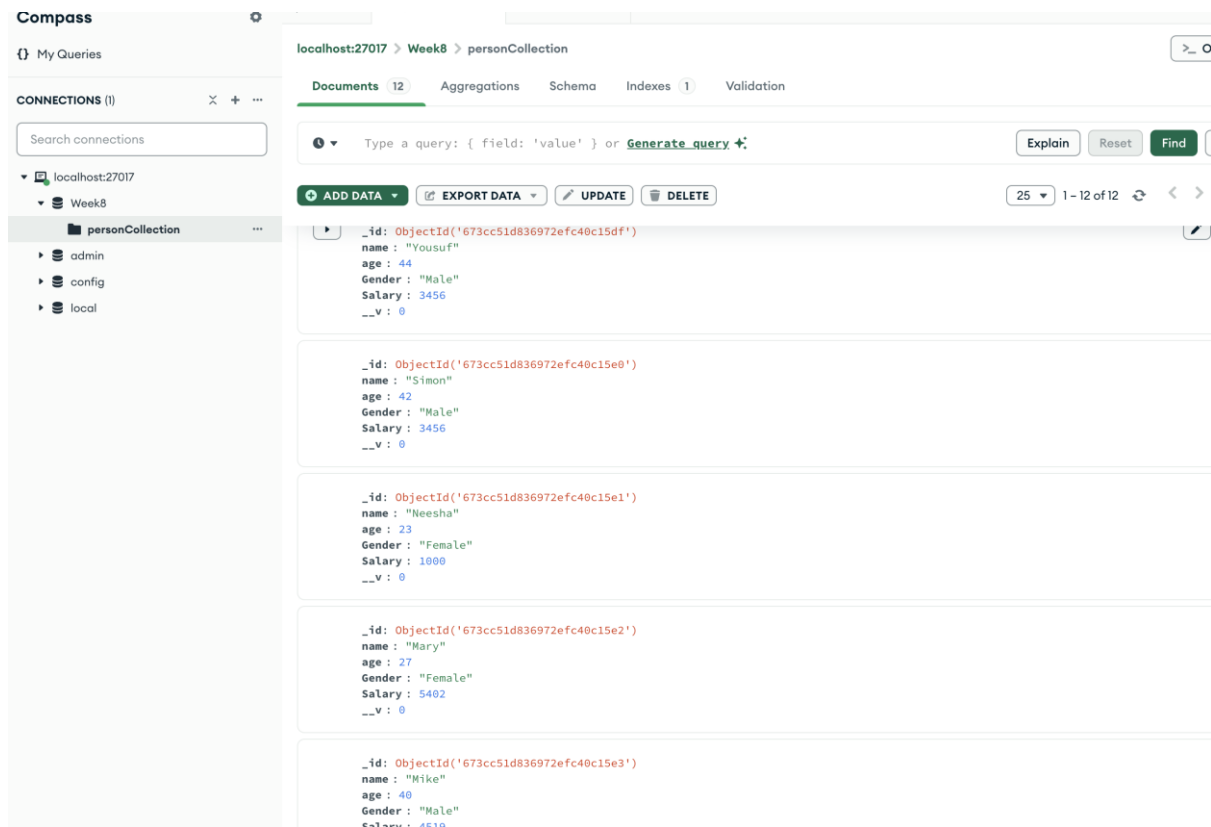
This is for task 1



This is a picture of yours truly using VScode terminal to download mongoose using these command `npm i mongoose` to be able to link it to mongodp to get this.

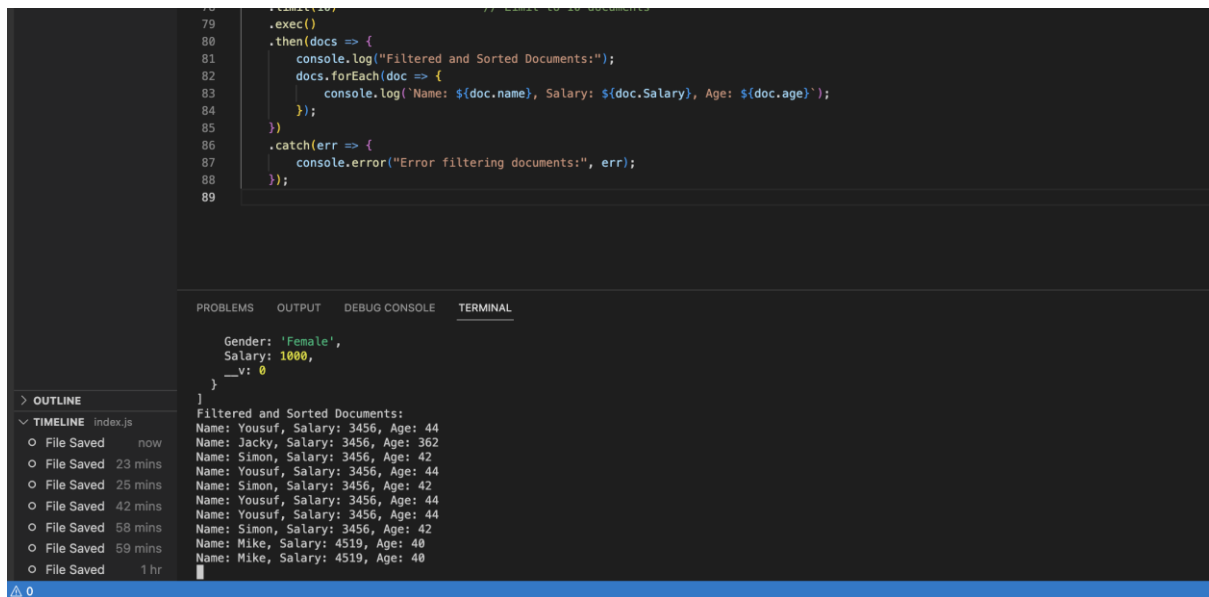
```
const doc1 = new person_doc({ name: 'Jacky',age:362,Gender:"Male",Salary:3456 })
```

This is for task 2



This is a picture of yours truly writing a code using `manyPersons` to be able to add more than one value `insertMany`

### Task 3



The screenshot shows a VS Code editor with a file named `index.js` open. The code in the editor is as follows:

```
79 // Limit to 10 documents
80 .exec()
81 .then(docs => {
82   console.log("Filtered and Sorted Documents:");
83   docs.forEach(doc => {
84     console.log('Name: ${doc.name}, Salary: ${doc.Salary}, Age: ${doc.age}');
85   });
86   .catch(err => {
87     console.error("Error filtering documents:", err);
88   });
89 }
```

The terminal output shows the following:

```
Gender: 'Female',
Salary: 1000,
__v: 0
}
Filtered and Sorted Documents:
Name: Yousuf, Salary: 3456, Age: 44
Name: Jacky, Salary: 3456, Age: 362
Name: Simon, Salary: 3456, Age: 42
Name: Yousuf, Salary: 3456, Age: 44
Name: Simon, Salary: 3456, Age: 42
Name: Yousuf, Salary: 3456, Age: 44
Name: Yousuf, Salary: 3456, Age: 44
Name: Simon, Salary: 3456, Age: 42
Name: Mike, Salary: 4519, Age: 40
Name: Mike, Salary: 4519, Age: 40
```

The left sidebar shows the `OUTLINE` and `TIMELINE` views. The `TIMELINE` view shows a list of file saves:

- File Saved now
- File Saved 23 mins
- File Saved 25 mins
- File Saved 42 mins
- File Saved 58 mins
- File Saved 59 mins
- File Saved 1 hr

This is a picture of yours truly implementing a code and here is the output