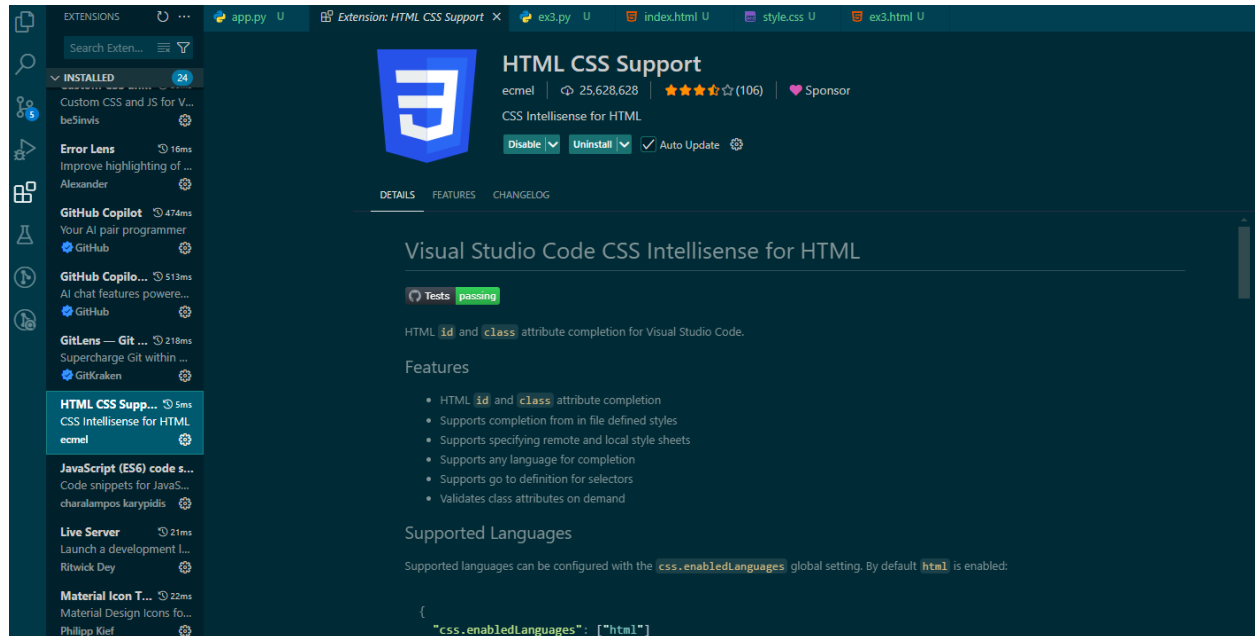


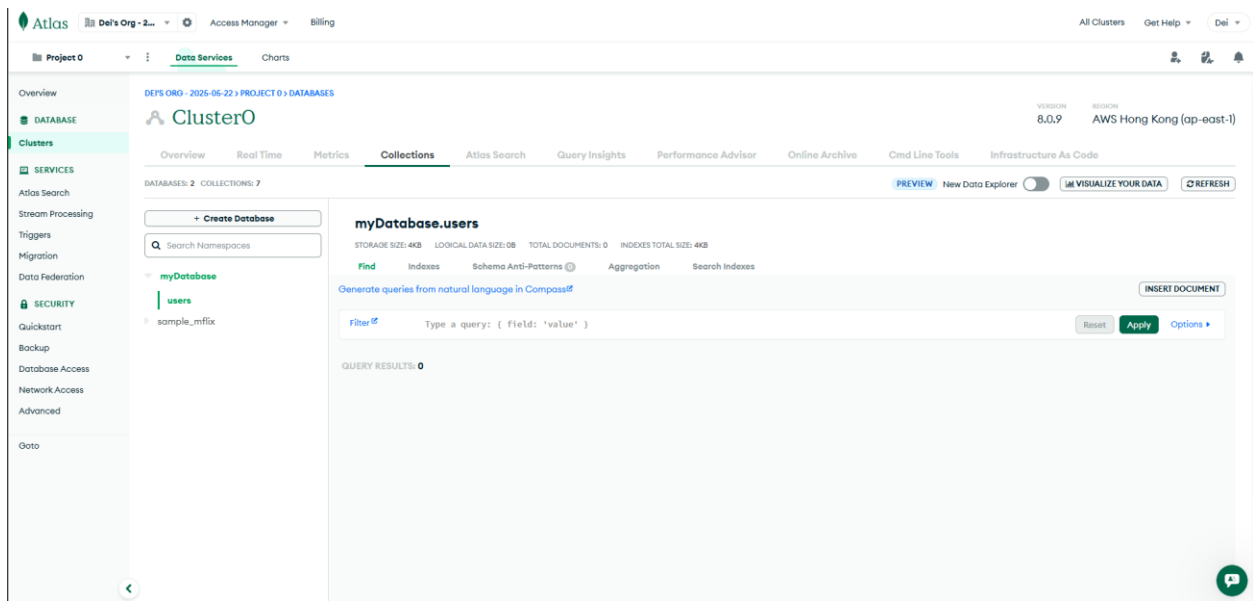
Result of The Lab1 Exercise.



Installed Flask.

```
PS C:\Web_Application_VLU> pip install Flask
Requirement already satisfied: Flask in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (3.1.1)
Requirement already satisfied: blinker>=1.9.0 in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (from Flask) (1.9.0)
Requirement already satisfied: click>=8.1.3 in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (from Flask) (8.2.0)
Requirement already satisfied: itsdangerous>=2.2.0 in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (from Flask) (2.2.0)
Requirement already satisfied: jinja2>=3.1.2 in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (from Flask) (3.1.6)
Requirement already satisfied: markupsafe>=2.1.1 in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (from Flask) (3.0.2)
Requirement already satisfied: werkzeug>=3.1.0 in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (from Flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\deico\appdata\local\programs\python\python313\lib\site-packages (from click>=8.1.3->Flask) (0.4.6)
PS C:\Web_Application_VLU>
```

Connected to MongoDB.



Exercise 1 & 2:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS

PS C:\Web_Application_VLU> python -u "c:\Web_Application_VLU\Lab1\app.py"
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 179-922-458
```

Practical Exercises

Exercise 1

the linear equation: $y = 5x + 7$ with $x = -2$.

Here is the equation y : 3

Exercise 2

student's personal information:

- Name
- Student ID
- Academic Year.
- Major
- Hobbies

Exercise 3:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS

PS C:\Web_Application_VLU> python -u "c:\Web_Application_VLU\Lab1\ex3.py"
* Serving Flask app 'ex3'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 179-922-458
```

Manh Ha Information form

Username:

Password:

Gender:
☐ Male
☐ Female

☐ Other

Membership Level:

Choose your favorite color:

☐ Correct