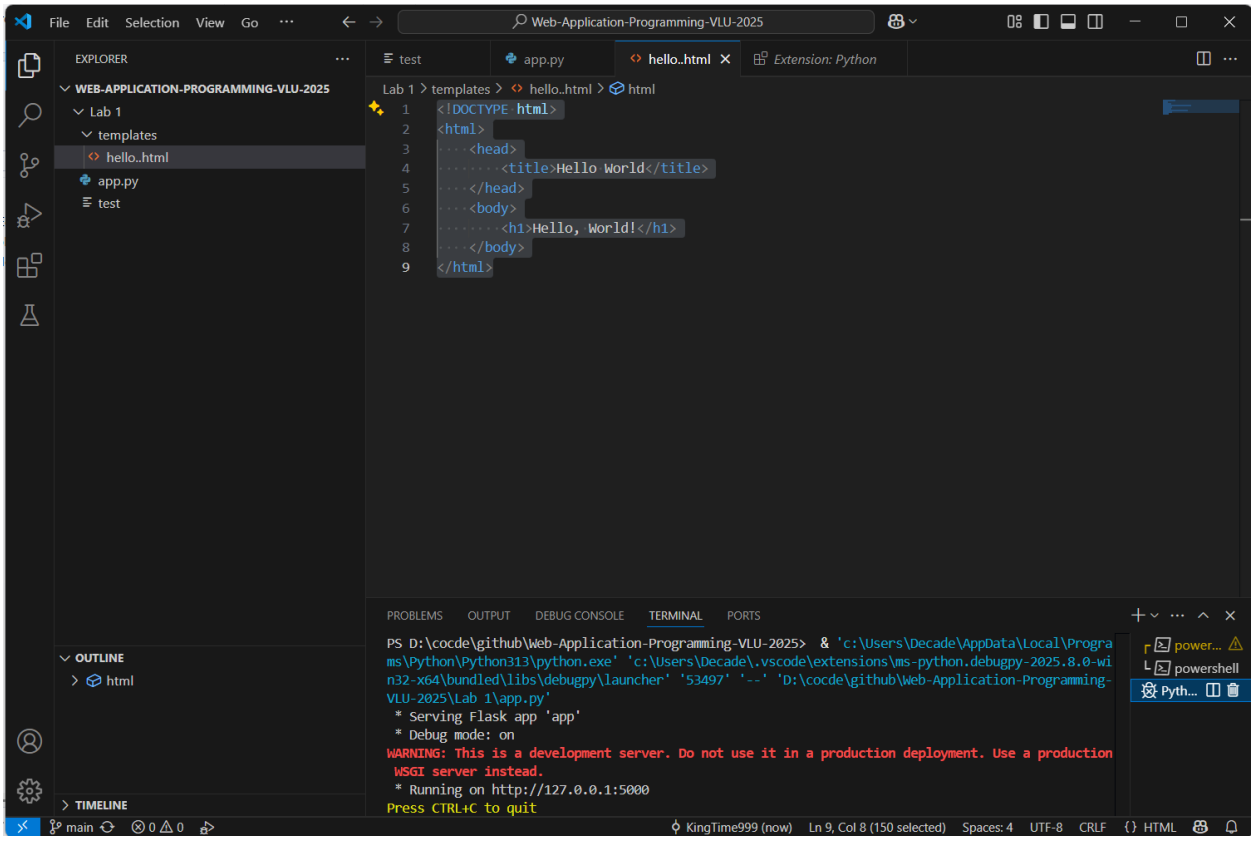
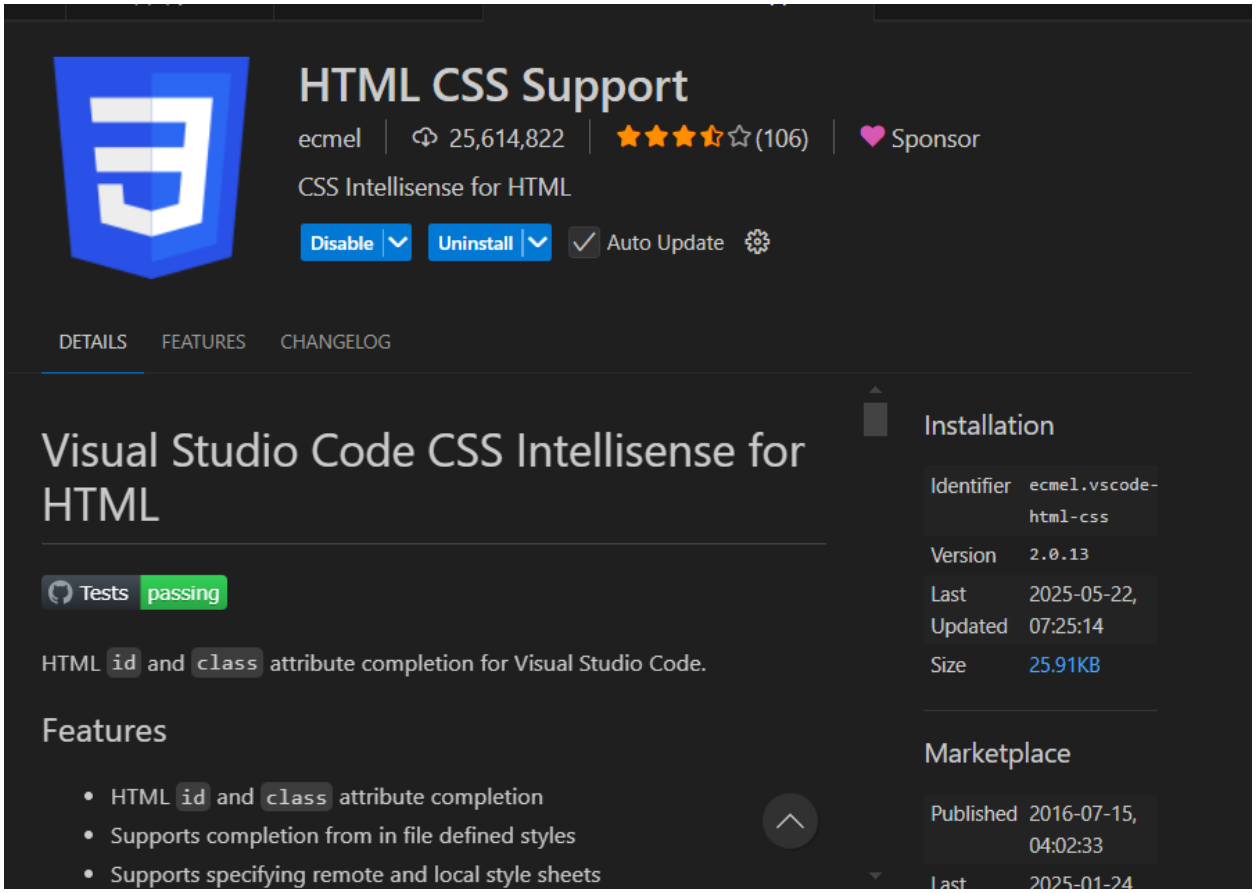
Lê Tấn Nguyện-2374802010354

1. Install VS Code:



2. Install HTML



3. Install **Required Libraries**

Install flask

```
C:\Users\Decade>pip install flask
Requirement already satisfied: flask in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (3.1.1
)
Requirement already satisfied: blinker>=1.9.0 in c:\users\decade\appdata\local\programs\python\python313\lib\site-packag
es (from flask) (1.9.0)
Requirement already satisfied: click>=8.1.3 in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages
 (from flask) (8.2.0)
Requirement already satisfied: itsdangerous>=2.2.0 in c:\users\decade\appdata\local\programs\python\python313\lib\site-p
ackages (from flask) (2.2.0)
Requirement already satisfied: jinja2>=3.1.2 in c:\users\decade\appdata\local\programs\python\python313\lib\site-package
s (from flask) (3.1.6)
Requirement already satisfied: markupsafe>=2.1.1 in c:\users\decade\appdata\local\programs\python\python313\lib\site-pac
kages (from flask) (3.0.2)
Requirement already satisfied: werkzeug>=3.1.0 in c:\users\decade\appdata\local\programs\python\python313\lib\site-packa
ges (from flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (fr
om click>=8.1.3->flask) (0.4.6)
```

Install pymongo

```
C:\Users\Decade>pip install pymongo
Requirement already satisfied: pymongo in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (4.1
3.0)
Requirement already satisfied: dnspython<3.0.0,>=1.16.0 in c:\users\decade\appdata\local\programs\python\python313\lib\s
ite-packages (from pymongo) (2.7.0)
```

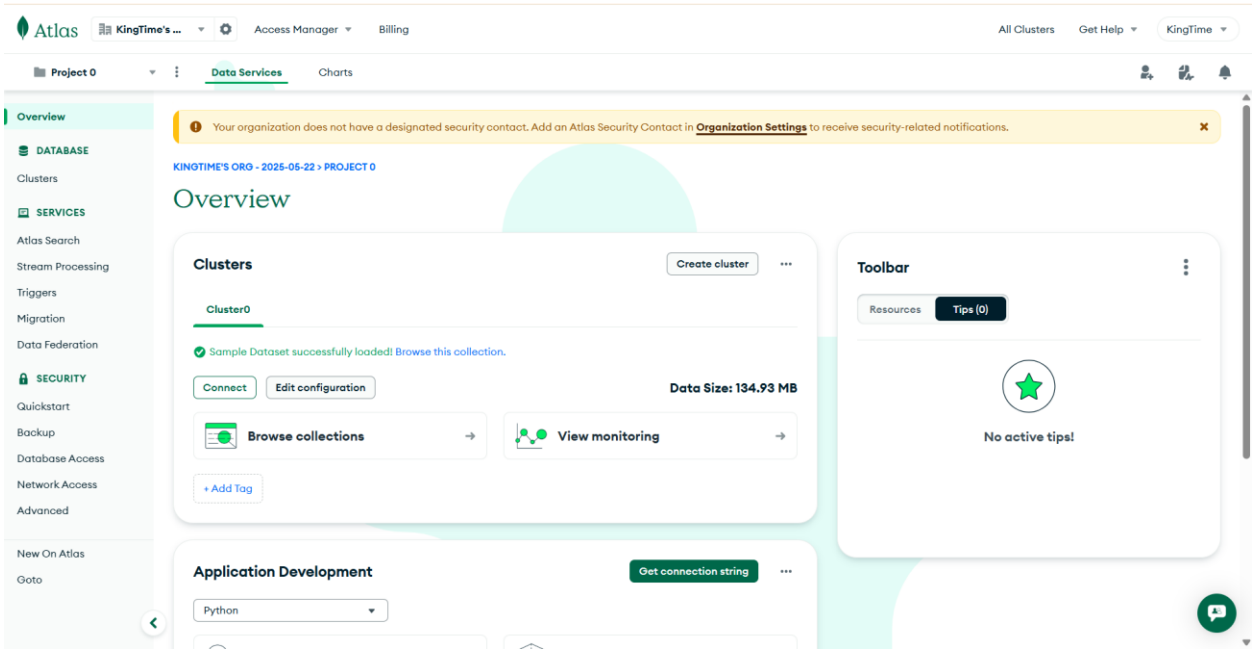
Install dnspython

```
C:\Users\Decade>pip install dnspython
Requirement already satisfied: dnspython in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (2
.7.0)
```

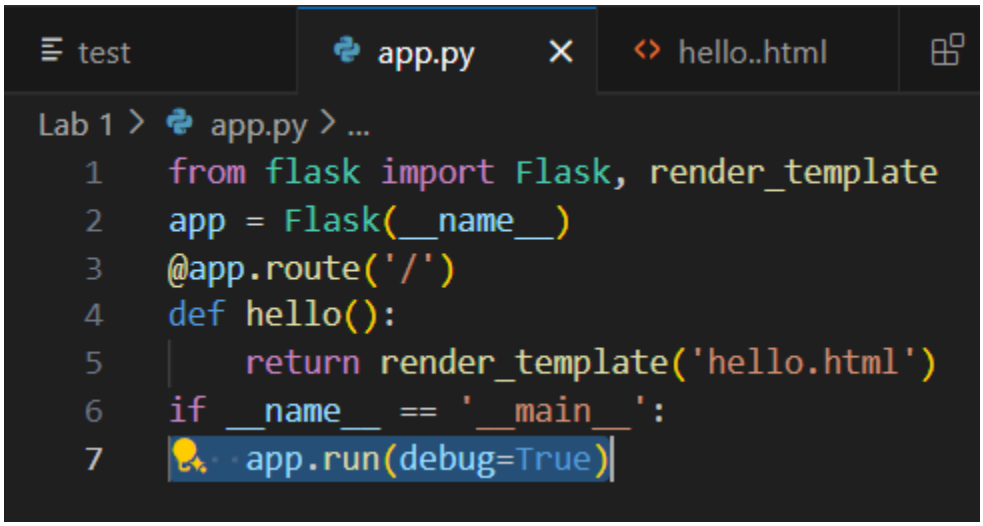
Install python-dotenv

```
C:\Users\Decade>pip install python-dotenv
Requirement already satisfied: python-dotenv in c:\users\decade\appdata\local\programs\python\python313\lib\site-package
s (1.1.0)
```

4. MongoDB



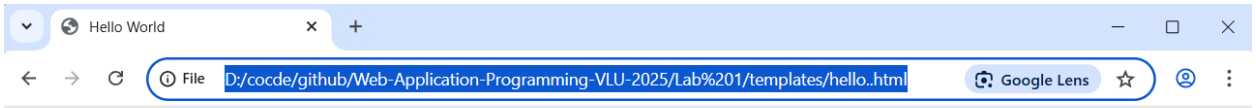
5. **Developing First Flask Application**



test app.py hello..html

Lab 1 > templates > hello..html > html > body

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Hello World</title>
5      </head>
6      <body>
7          <h1>Hello, World!</h1>
8      </body>
9  </html>
```



Hello, World!