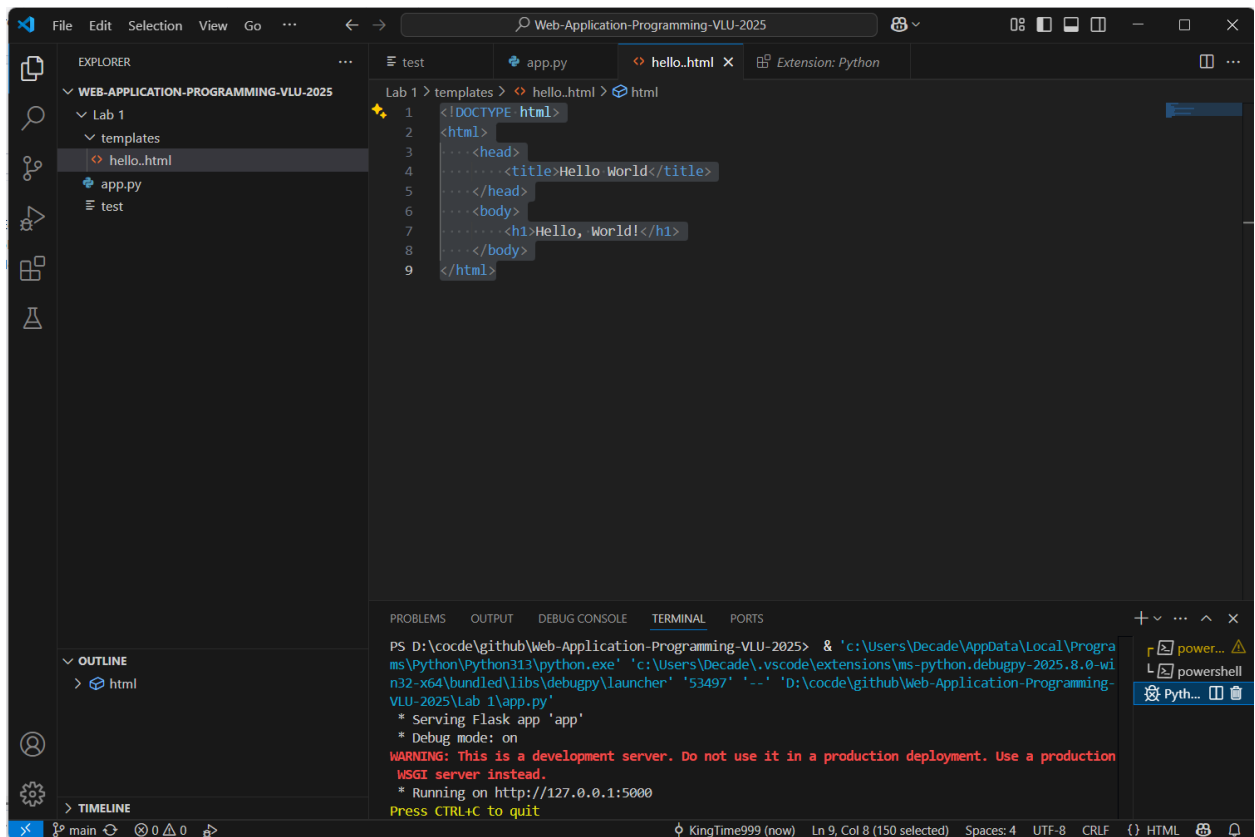
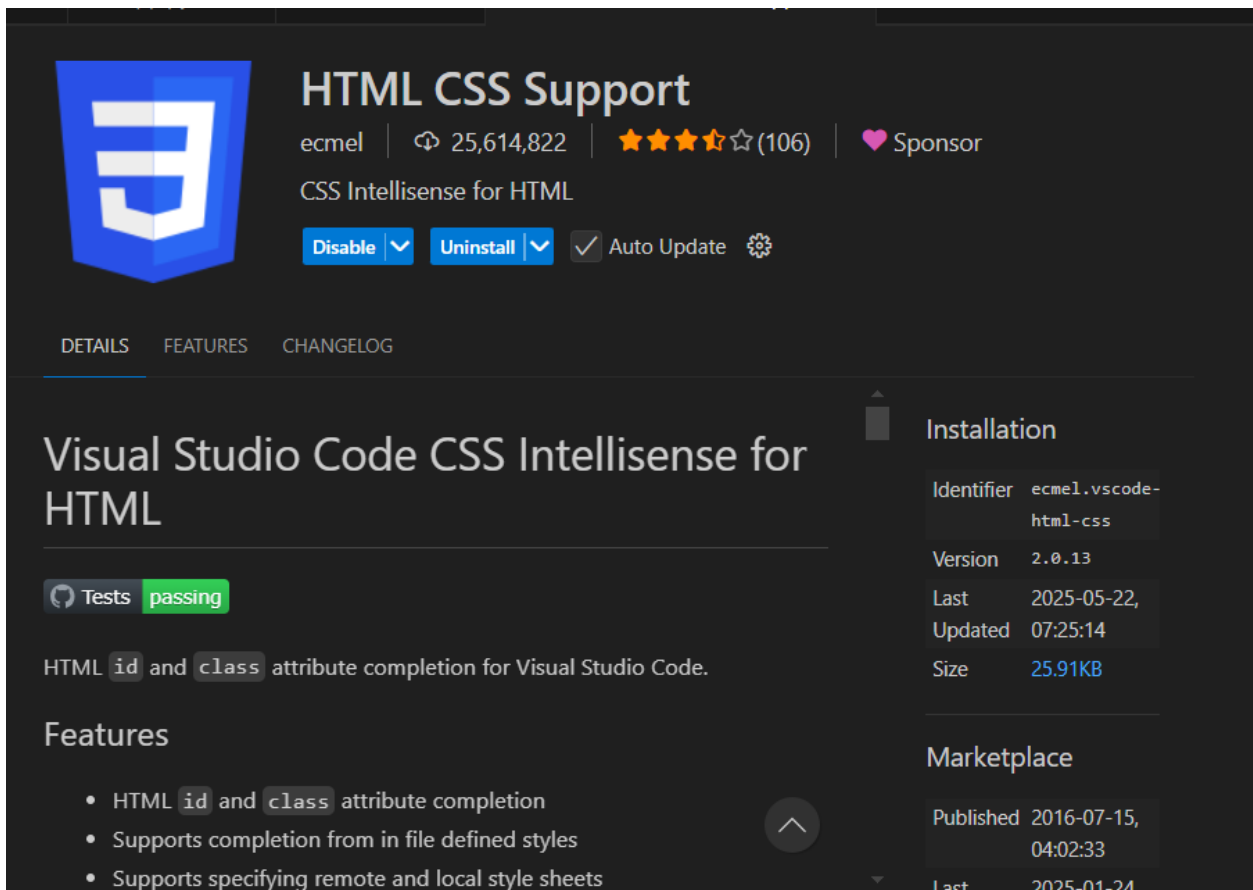


Lê Tấn Nguyễn-2374802010354

## 1. Install VS Code:



## 2. Install HTML



The screenshot shows the Visual Studio Code Marketplace page for the 'HTML CSS Support' extension. The extension is by 'ecme1' and has 25,614,822 downloads and a 4.5-star rating from 106 reviews. It is marked as a 'Sponsor'. The extension is currently installed, and the 'Auto Update' checkbox is checked. The main description states it provides 'Visual Studio Code CSS Intellisense for HTML' and 'HTML `id` and `class` attribute completion for Visual Studio Code.' The 'Features' section lists: HTML `id` and `class` attribute completion, Supports completion from in file defined styles, and Supports specifying remote and local style sheets. The 'Installation' table shows the identifier as 'ecme1.vscode-html-css', version '2.0.13', last updated on '2025-05-22' at '07:25:14', and a size of '25.91KB'. The 'Marketplace' table shows it was published on '2016-07-15' at '04:02:33' and last updated on '2025-01-24'.

**HTML CSS Support**  
ecme1 | 25,614,822 | ★★★★★ (106) | Sponsor  
CSS Intellisense for HTML

Disable | Uninstall | Auto Update

DETAILS | FEATURES | CHANGELOG

## Visual Studio Code CSS Intellisense for HTML

Tests **passing**

HTML `id` and `class` attribute completion for Visual Studio Code.

### Features

- HTML `id` and `class` attribute completion
- Supports completion from in file defined styles
- Supports specifying remote and local style sheets

### Installation

Identifier	ecme1.vscode-html-css
Version	2.0.13
Last Updated	2025-05-22, 07:25:14
Size	25.91KB

### Marketplace

Published	2016-07-15, 04:02:33
Last	2025-01-24

### 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-packages (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-packages (from flask) (2.2.0)
Requirement already satisfied: jinja2>=3.1.2 in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.6)
Requirement already satisfied: markupsafe>=2.1.1 in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.0.2)
Requirement already satisfied: werkzeug>=3.1.0 in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (from 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 (4.13.0)
Requirement already satisfied: dnspython<3.0.0,>=1.16.0 in c:\users\decade\appdata\local\programs\python\python313\lib\site-packages (from pymongo) (2.7.0)
```

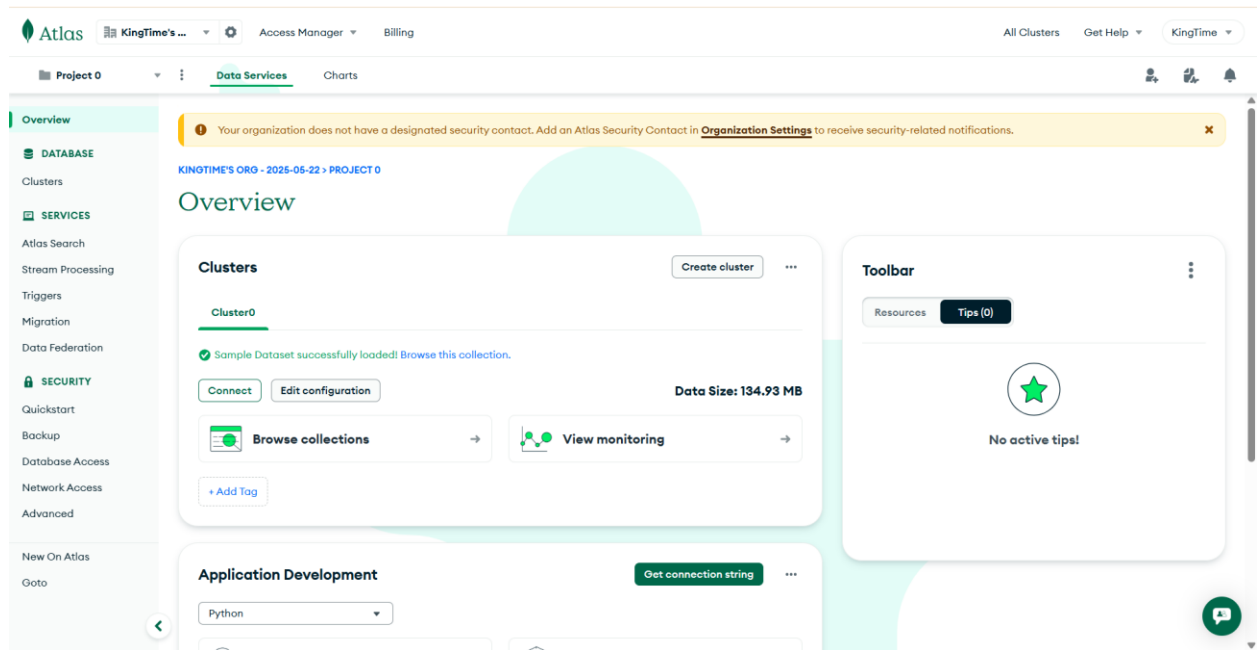
#### Install dnspython

```
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)
```

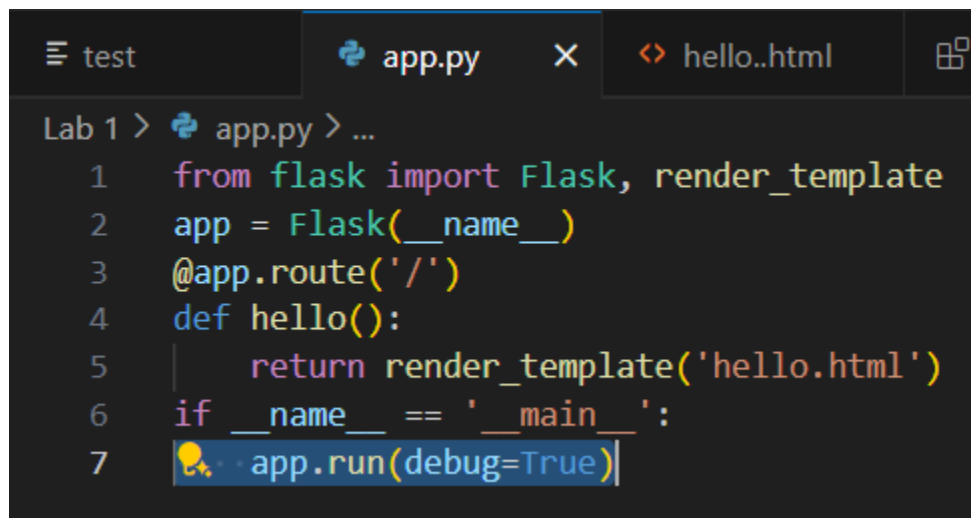
## Install python-dotenv

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

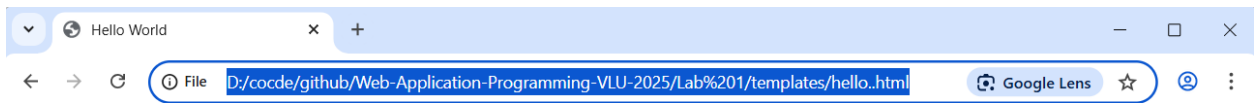
## 4. MongoDB



## 5. Developing First Flask Application



```
test app.py hello..html X
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!**