

Openhouse Full stack Instruction

About workshop

- Name of workshop: เทคนิคการพัฒนาเว็บไซต์เต็มรูปแบบ (Front End และ Back End) Workshop with Certificate
- Location: A1-407
- Time: 60min and 40 people per section
- Advisor: sirinthorn.c@bu.ac.th,

Front End and Back End Agenda

- Introduction to Full Stack Dev.
 - 10.00 - 10.15 and 13.00 - 13.15
- Introduction to BUITI
 - 10.20 - 11.00 and 13.15 - 13.20
- Workshop
 - 10.20 - 11.00 and 13.20 - 14.00

Speakers

- ว่าน จิรัชฌา วังกุ่ม - Intro section
- แพท อธิพัทธ์ จิตรดา - Backend section
- ไผ่ ศรีวิศ ปุเวกิจ - Frontend section

TA needs to-do lists:

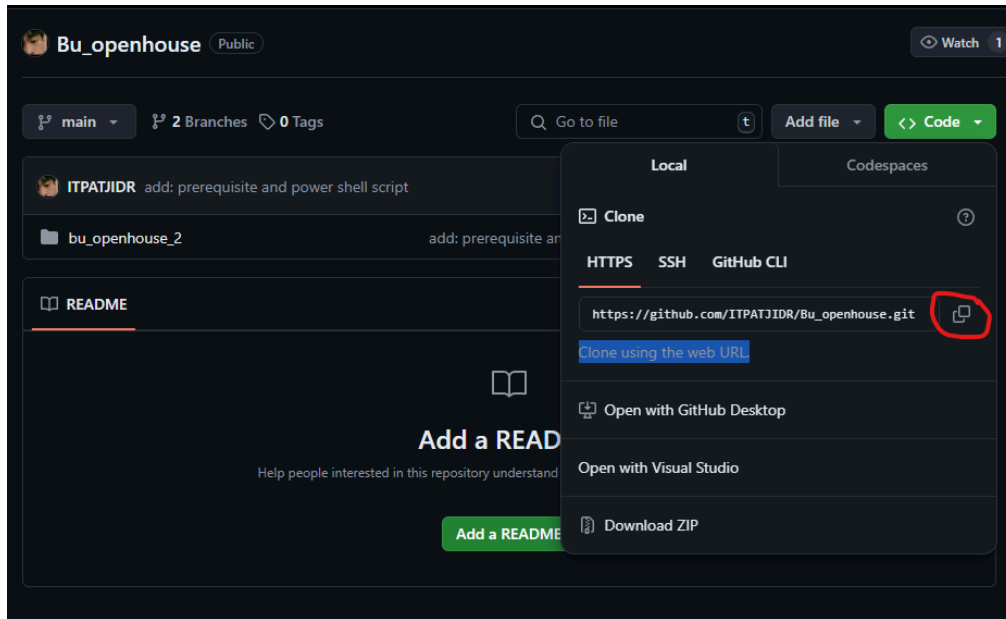
- Help and assist all Participants in the workshop.
- Prepare and set up each computer in the workshop according to the instructions guide before the workshop begins.
(The instruction guide is located below)

Canva presentation link: [click here](#)

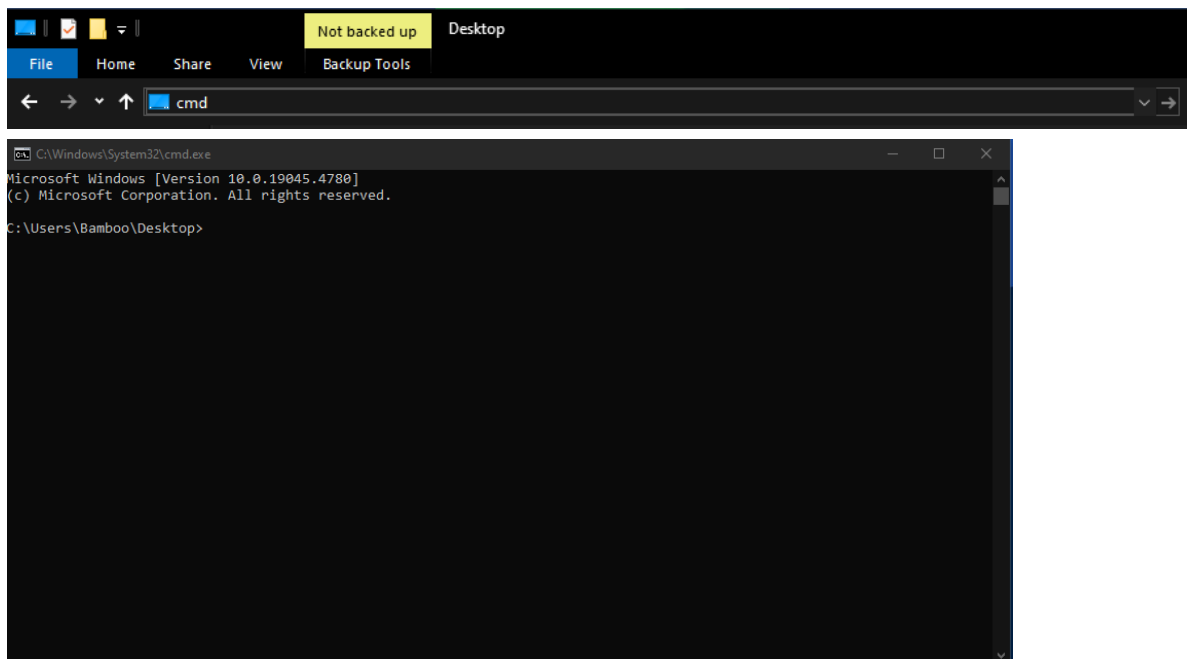
Fullstack workshop Demo Video link: [click here](#)

Computer Workshop instructions setup guide

1. Clone Bu_openhouse project from [ITPATJIDR/Open_house \(github.com\)](https://github.com/ITPATJIDR/Open_house)
2. Click on green code button and copy the clone URL



3. Go to file explore and navigate to desktop and then click on the url and typing “cmd” and Command Prompt will pop up.



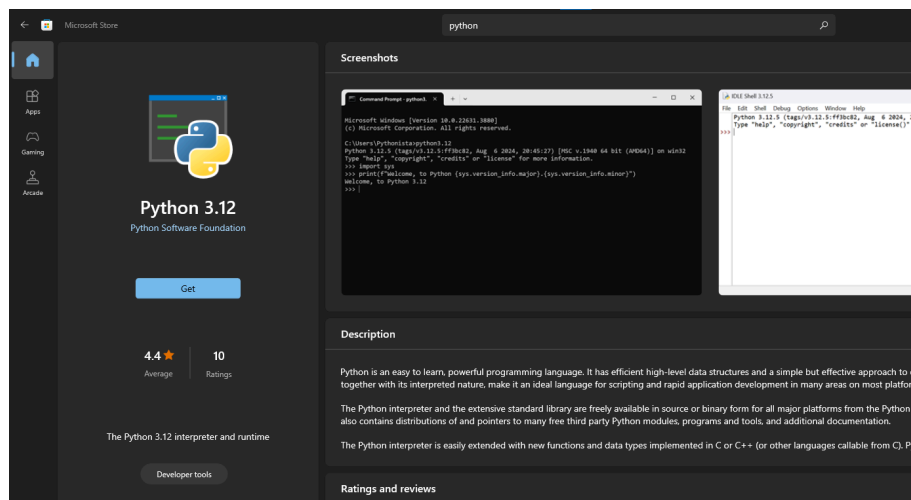
4. Type “`git clone https://github.com/ITPATJIDR/Open_house.git`” into cmd in press enter

```
C:\Users\Bamboo\Desktop>git clone https://github.com/ITPATJIDR/Bu_openhouse.git
Cloning into 'Bu_openhouse'...
remote: Enumerating objects: 72, done.
remote: Counting objects: 100% (72/72), done.
remote: Compressing objects: 100% (50/50), done.
remote: Total 72 (delta 14), reused 68 (delta 10), pack-reused 0 (from 0)
Receiving objects: 100% (72/72), 53.61 KiB | 1.67 MiB/s, done.
Resolving deltas: 100% (14/14), done.
```

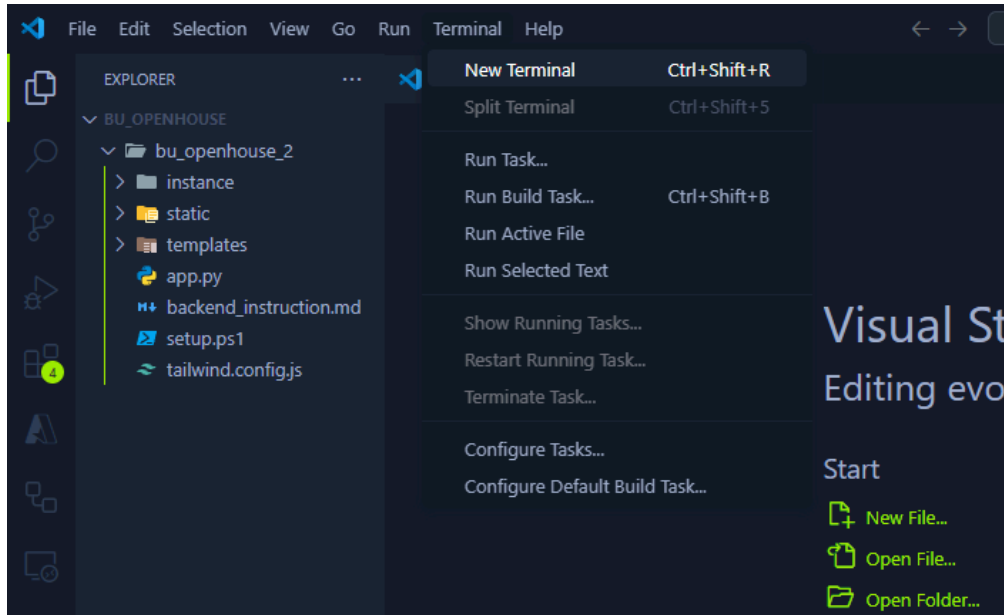
5. Type “`cd Open_house`” and enter and then type “`code`” and enter and VScode will open.

```
C:\Users\Bamboo\Desktop>cd Bu_openhouse
C:\Users\Bamboo\Desktop\Bu_openhouse>code
```

6. Go to microsoft store and download Python 3.12



7. Navigate to Terminal on navbar and press New Terminal or press Ctrl+Shift+R



8. Make sure terminal was in cmd. If not type “`cmd`” and then type this Command “`pip install flask Flask-SQLAlchemy`”

```
PS C:\Users\Bamboo\Desktop\Bu_openhouse> cmd
Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Bamboo\Desktop\Bu_openhouse> pip install flask Flask-SQLAlchemy
Requirement already satisfied: flask in c:\python312\lib\site-packages (3.0.3)
Collecting Flask-SQLAlchemy
  Downloading flask_sqlalchemy-3.1.1-py3-none-any.whl.metadata (3.4 kB)
Requirement already satisfied: Werkzeug>=3.0.0 in c:\python312\lib\site-packages (from flask) (3.0.3)
Requirement already satisfied: Jinja2>=3.1.2 in c:\python312\lib\site-packages (from flask) (3.1.4)
Requirement already satisfied: itsdangerous>=2.1.2 in c:\python312\lib\site-packages (from flask) (2.2.0)
Requirement already satisfied: click>=8.1.3 in c:\python312\lib\site-packages (from flask) (8.1.7)
Requirement already satisfied: blinker>=1.6.2 in c:\python312\lib\site-packages (from flask) (1.8.2)
Collecting sqlalchemy>=2.0.16 (from Flask-SQLAlchemy)
  Downloading SQLAlchemy-2.0.32-cp312-cp312-win_amd64.whl.metadata (9.8 kB)
Requirement already satisfied: colorama in c:\python312\lib\site-packages (from click>=8.1.3->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\python312\lib\site-packages (from Jinja2>=3.1.2->flask) (2.1.5)
Collecting typing-extensions>=4.6.0 (from sqlalchemy>=2.0.16->Flask-SQLAlchemy)
  Downloading typing_extensions-4.12.2-py3-none-any.whl.metadata (3.0 kB)
Collecting greenlet!>=0.4.17 (from sqlalchemy>=2.0.16->Flask-SQLAlchemy)
  Downloading greenlet-3.0.3-cp312-cp312-win_amd64.whl.metadata (3.9 kB)
Downloading flask_sqlalchemy-3.1.1-py3-none-any.whl (25 kB)
Downloading SQLAlchemy-2.0.32-cp312-cp312-win_amd64.whl (2.1 MB)
2.1/2.1 MB 10.2 MB/s eta 0:00:00
Downloading greenlet-3.0.3-cp312-cp312-win_amd64.whl (293 kB)
293.6/293.6 kB 17.7 MB/s eta 0:00:00
Downloading typing_extensions-4.12.2-py3-none-any.whl (37 kB)
Installing collected packages: typing-extensions, greenlet, sqlalchemy, Flask-SQLAlchemy
Successfully installed Flask-SQLAlchemy-3.1.1 greenlet-3.0.3 sqlalchemy-2.0.32 typing-extensions-4.12.2

[notice] A new release of pip is available: 24.0 -> 24.2
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\Bamboo\Desktop\Bu_openhouse>
```

9. Navigate to Extensions and search and install “Tailwind CSS IntelliSense”

FileEditSelectionViewGoRunTerminalHelp

EXTENSIONS: MARKETPLACE

Extension: Tailwind CSS IntelliSense

Tailwind CSS IntelliSense

297ms

Tailwind Labs

Intelligent Tailwind CSS tooling f...

7K

Intelligent Tailwind CSS tooling f...

numso

Install

WindiCSS IntelliSe...

157K

5

Intelligent WindiCSS tooling for ...

voorjaar

Install

Tailwind Twin Intell...

50K

5

Tailwind VSCode Extension for t...

lightyen

Install

Tailwind CSS IntelliSense

Tailwind Labs

tailwindcss.com

7,251,299

Intelligent Tailwind CSS tooling for VS Code

Disable

Uninstall

Switch to Pre-Release Version

DETAILS

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Categories

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