

ExitTicket#1

24F --UI - Smart Devices (SEC. 401)

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Activity# 1:

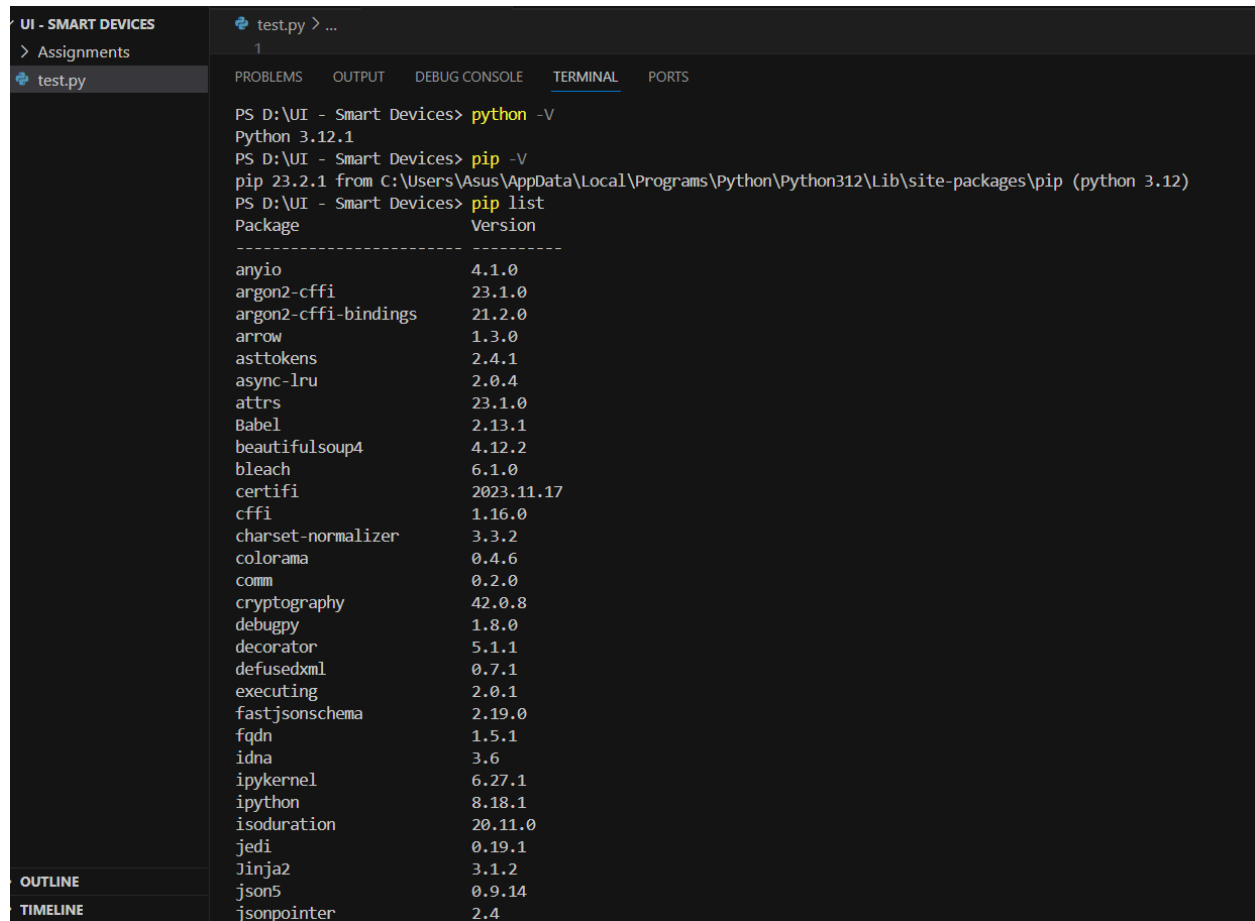
Python installation.

Commands like

- Python -V,
- pip -V • pip list,
- python -m idlelib

Activity#2

- Classwork as in module 1(screenshot+ original py file)



The screenshot shows a VS Code interface with a terminal window open. The terminal is titled 'test.py > ...' and shows the following commands and output:

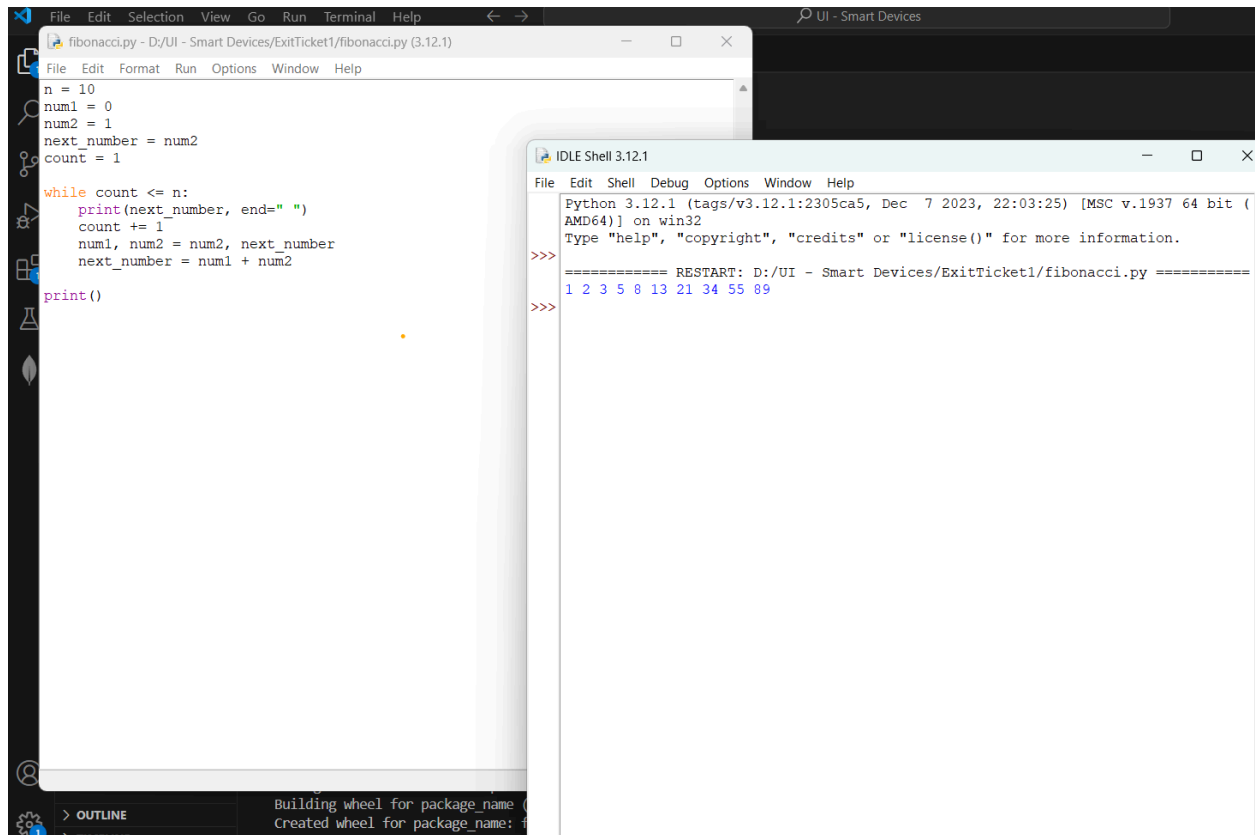
```
PS D:\UI - Smart Devices> python -V
Python 3.12.1
PS D:\UI - Smart Devices> pip -V
pip 23.2.1 from C:\Users\Asus\AppData\Local\Programs\Python\Python312\Lib\site-packages\pip (python 3.12)
PS D:\UI - Smart Devices> pip list
```

Package	Version
anyio	4.1.0
argon2-cffi	23.1.0
argon2-cffi-bindings	21.2.0
arrow	1.3.0
asttokens	2.4.1
async-lru	2.0.4
attrs	23.1.0
Babel	2.13.1
beautifulsoup4	4.12.2
bleach	6.1.0
certifi	2023.11.17
cffi	1.16.0
charset-normalizer	3.3.2
colorama	0.4.6
comm	0.2.0
cryptography	42.0.8
debugpy	1.8.0
decorator	5.1.1
defusedxml	0.7.1
executing	2.0.1
fastjsonschema	2.19.0
fqdn	1.5.1
idna	3.6
ipykernel	6.27.1
ipython	8.18.1
isoduration	20.11.0
jedi	0.19.1
Jinja2	3.1.2
json5	0.9.14
jsonpointer	2.4

The left sidebar of VS Code shows the 'OUTLINE' and 'TIMELINE' views, and the 'test.py' file is open in the editor.

Activity#3 •

Generate the Fibonacci series using a file and execute it in the idle. (screenshots + original files)



The screenshot displays the Python IDLE environment. The main window shows a file named `fibonacci.py` with the following code:

```
n = 10
num1 = 0
num2 = 1
next_number = num2
count = 1

while count <= n:
    print(next_number, end=" ")
    count += 1
    num1, num2 = num2, next_number
    next_number = num1 + num2

print()
```

The `IDLE Shell 3.12.1` window shows the execution output:

```
Python 3.12.1 (tags/v3.12.1:2305ca5, Dec 7 2023, 22:03:25) [MSC v.1937 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:/UI - Smart Devices/ExitTicket1/fibonacci.py =====
1 2 3 5 8 13 21 34 55 89
>>>
```

The bottom status bar indicates the process of building a wheel for a package.