

SEARCH

Search

Aa ab .\*

Replace

AB

Welcome

2.4.1.py U X

2.4.1.py > ...

```
1 class Book:
2     def __init__(self, title, author):
3         self.title = title
4         self.author = author
5
6     def summary(self):
7         return f'{self.title} is written by {self.author}.'
8
9 # Example usage:
10 book1 = Book("To Kill a Mockingbird", "Harper Lee")
11 print(book1.summary())
```

CHAT

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\sathw\Documents\AI-Assisted-Coding> & 'c:\Users\sathw\AppData\Local\Microsoft\WindowsApps\python3.13.exe' 'c:\Users\sathw\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundle\libs\debugpy\launcher' '62725' '-.' 'c:\Users\sathw\Documents\AI-Assisted-Coding\2.4.1.py'

'To Kill a Mockingbird' is written by Harper Lee.

PS C:\Users\sathw\Documents\AI-Assisted-Coding>

powerShell

Python Deb...

2.4.1.py +

Describe what to build next

Agent Auto

main+ 0 0 0 Ln 10, Col 23 Spaces: 4 UTF-8 CRLF Python 3.13.9 (Microsoft Store)

SEARCH

SearchAaAb

ReplaceAB

Welcome

2.4.1.py U

2.4.2.py U X

2.4.2.py > ...

```
1  users = [  
2      {"name": "Ashok", "age": 25},  
3      {"name": "Bobby", "age": 20},  
4      {"name": "mohan", "age": 30}  
5  ]  
6  
7  def sort_by_age(user_list):  
8      return sorted(user_list, key=lambda user: user["age"])  
9  
10  
11 if __name__ == "__main__":  
12     sorted_users = sort_by_age(users)  
13     print(sorted_users)  
14
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\sathw\Documents\AI-Assisted-Coding> c:: cd 'c:\Users\sathw\Documents\AI-Assisted-Coding'  
; & 'c:\Users\sathw\AppData\Local\Microsoft\WindowsApps\python3.13.exe' 'c:\Users\sathw\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '62628' '--' 'c:\Users\sathw\Documents\AI-Assisted-Coding\2.4.2.py'  
[{'name': 'Ashok', 'age': 25}, {'name': 'Bobby', 'age': 20}, {'name': 'mohan', 'age': 30}]  
PS C:\Users\sathw\Documents\AI-Assisted-Coding> ^C  
PS C:\Users\sathw\Documents\AI-Assisted-Coding>  
PS C:\Users\sathw\Documents\AI-Assisted-Coding> c:: cd 'c:\Users\sathw\Documents\AI-Assisted-Coding'  
; & 'c:\Users\sathw\AppData\Local\Microsoft\WindowsApps\python3.13.exe' 'c:\Users\sathw\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '56020' '--' 'c:\Users\sathw\Documents\AI-Assisted-Coding\2.4.2.py'  
[{'name': 'Bobby', 'age': 20}, {'name': 'Ashok', 'age': 25}, {'name': 'mohan', 'age': 30}]  
PS C:\Users\sathw\Documents\AI-Assisted-Coding> []
```

powershell

Python Deb...

2.4.2.py +

Describe what to build next

Agent Auto

Ln 14, Col 1

Spaces: 4

UTF-8

CRLF

Python

3.13.9 (Microsoft Store)

Build with Agent

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File Edit Selection View Go Run Terminal Help

Q AI-Assisted-Coding

2.4.3.py U 2.4.2.py U 2.4.3.py U

CHAT

EXTENSIONS

Search Extensions in Marketplace

INSTALLED

GitHub Copilot Chat

AI chat features powered by Copilot

GitHub

Restart to Update

Python

Python language support with exte...

Microsoft

Restart Extensions

Python Environments

Provides a unified python environm...

Microsoft

Restart Extensions

Cursor AI

VS Code extension with Cursor-like ...

Ibrahim Abdullaah

Pylance

A performant, feature-rich languag...

Microsoft

RECOMMENDED

Container Tools

Makes it easy to create, manage, an...

Microsoft

Install

GitLens — Git sup...

Supercharge Git within VS Code

GitKraken

Install

MCP SERVERS

MCP Servers

2.4.3.py > ...

```
1 def add(a, b):
2     return a + b
3
4 def subtract(a, b):
5     return a - b
6
7 def multiply(a, b):
8     return a * b
9
10 def divide(a, b):
11     if b == 0:
12         return "Error: Division by zero"
13     return a / b
14
15
16 if __name__ == "__main__":
17     a = float(input("Enter first number: "))
18     b = float(input("Enter second number: "))
19
20     print("Addition:", add(a, b))
21     print("Subtraction:", subtract(a, b))
22     print("Multiplication:", multiply(a, b))
23     print("Division:", divide(a, b))
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\sathw\Documents\AI-Assisted-Coding> ^C
PS C:\Users\sathw\Documents\AI-Assisted-Coding>
PS C:\Users\sathw\Documents\AI-Assisted-Coding> c:; cd 'c:\Users\sathw\Documents\AI-Assisted-Coding'
; & 'c:\Users\sathw\AppData\Local\Microsoft\WindowsApps\python3.13.exe' 'c:\Users\sathw\.vscode\extensions\ms-python-debugpy-2025.18.0-win32-x64\bundle\libs\debugpy\launcher' '58032' '...' 'c:\Users\sathw\Documents\AI-Assisted-Coding\2.4.3.py'
Enter first number: 12
Enter second number: 3
Addition: 15.0
Subtraction: 9.0
Multiplication: 36.0
Division: 4.0
PS C:\Users\sathw\Documents\AI-Assisted-Coding>
```

powerShell

Python Deb...

2.4.3.py +

Describe what to build next

Agent Auto

Ln 24, Col 1

Spaces: 4

UTF-8

CRLF

Python

3.13.9 (Microsoft Store)

28°C Sunny

Search

13:52 19-01-2026

File Edit Selection View Go Run Terminal Help

Q AI-Assisted-Coding

2.4.1.py U 2.4.2.py U 2.4.3.py U 2.4.4.py U X

2.4.4.py > ...

```
1 def is_armstrong(num):
2     digits = str(num)
3     power = len(digits)
4     total = sum(int(digit) ** power for digit in digits)
5     return total == num
6
7
8 if __name__ == "__main__":
9     number = int(input("Enter a number: "))
10
11     if is_armstrong(number):
12         print("Armstrong Number")
13     else:
14         print("Not an Armstrong Number")
15
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
sions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '59549' '-' 'c:\Users\sathw\Documents\AI-Assisted-Coding\2.4.4.py'
Enter a number: 157
Not an Armstrong Number
PS C:\Users\sathw\Documents\AI-Assisted-Coding> ^C
PS C:\Users\sathw\Documents\AI-Assisted-Coding>
PS C:\Users\sathw\Documents\AI-Assisted-Coding> c;; cd 'c:\Users\sathw\Documents\AI-Assisted-Coding'
; & 'c:\Users\sathw\AppData\Local\Microsoft\WindowsApps\python3.13.exe' 'c:\Users\sathw\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '50989' '-' 'c:\Users\sathw\Documents\AI-Assisted-coding\2.4.4.py'
Enter a number: 153
Armstrong Number
PS C:\Users\sathw\Documents\AI-Assisted-Coding>
```

Ln 15, Col 1 Spaces: 4 UTF-8 CRLF Python 3.13.9 (Microsoft Store)

EXTENSIONS

Search Extensions in Marketplace

INSTALLED 7

GitHub Copilot Chat 2598ms

AI chat features powered by Copilot

GitHub Restart to Update

Python 386ms

Python language support with exte...

Microsoft Restart Extensions

Python Environments 121ms

Provides a unified python environm...

Microsoft Restart Extensions

Cursor AI 19ms

VS Code extension with Cursor-like ...

Ibrahim Abdullaah

Pylance 1826ms

A performant, feature-rich languag...

Microsoft

RECOMMENDED 3

Container Tools 8.3M 3.5

Makes it easy to create, manage, an...

Microsoft Install

GitLens — Git sup... 46.6M 3.5

Supercharge Git within VS Code — ...

GitKraken Install

MCP SERVERS

MCP Servers

CHAT

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2.4.4.py +

Describe what to build next

Agent Auto

28°C Sunny

Search

13:59 19-01-2026