## Course Name:AI Assistant Coding

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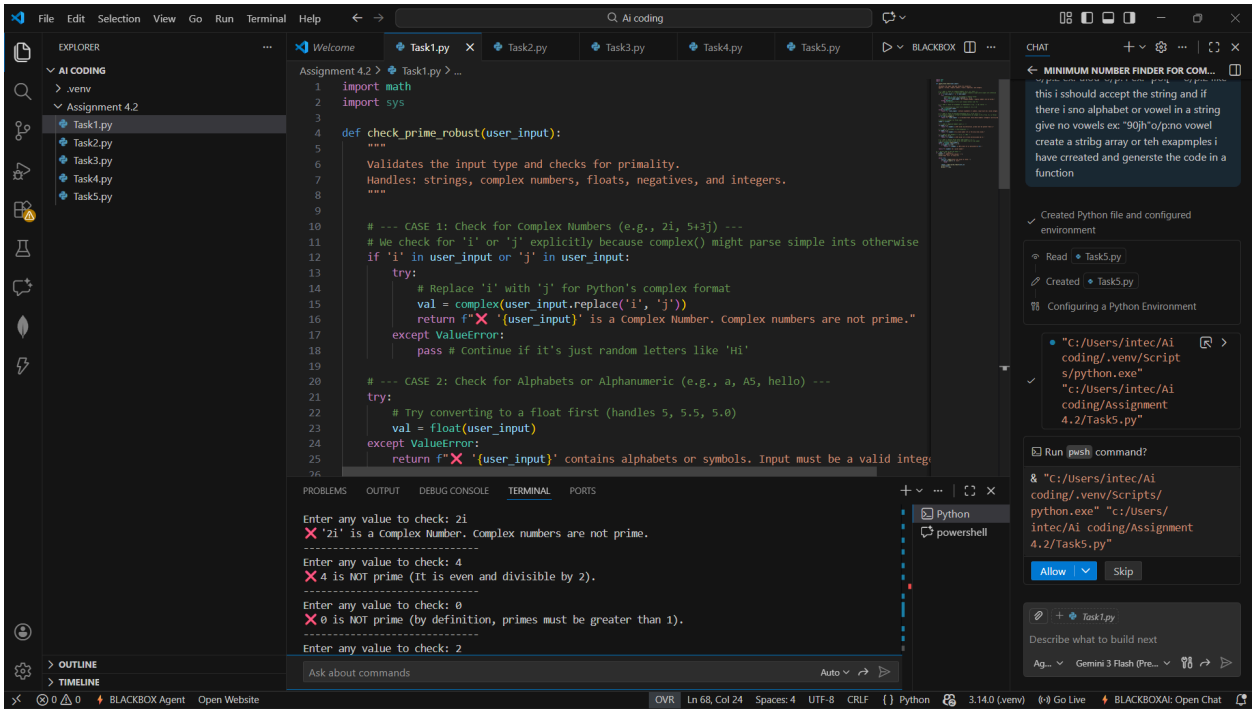
## Batch:33

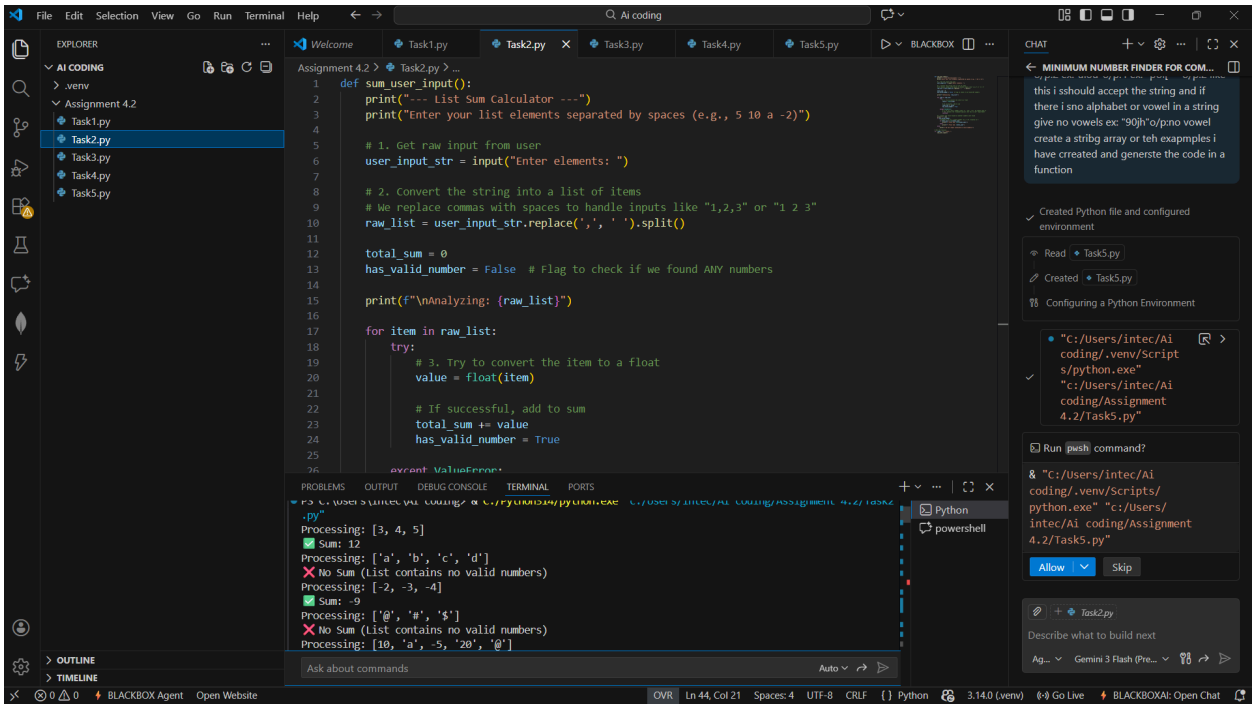
## Hall-Ticket:2303A52415

## Assignment:4.2

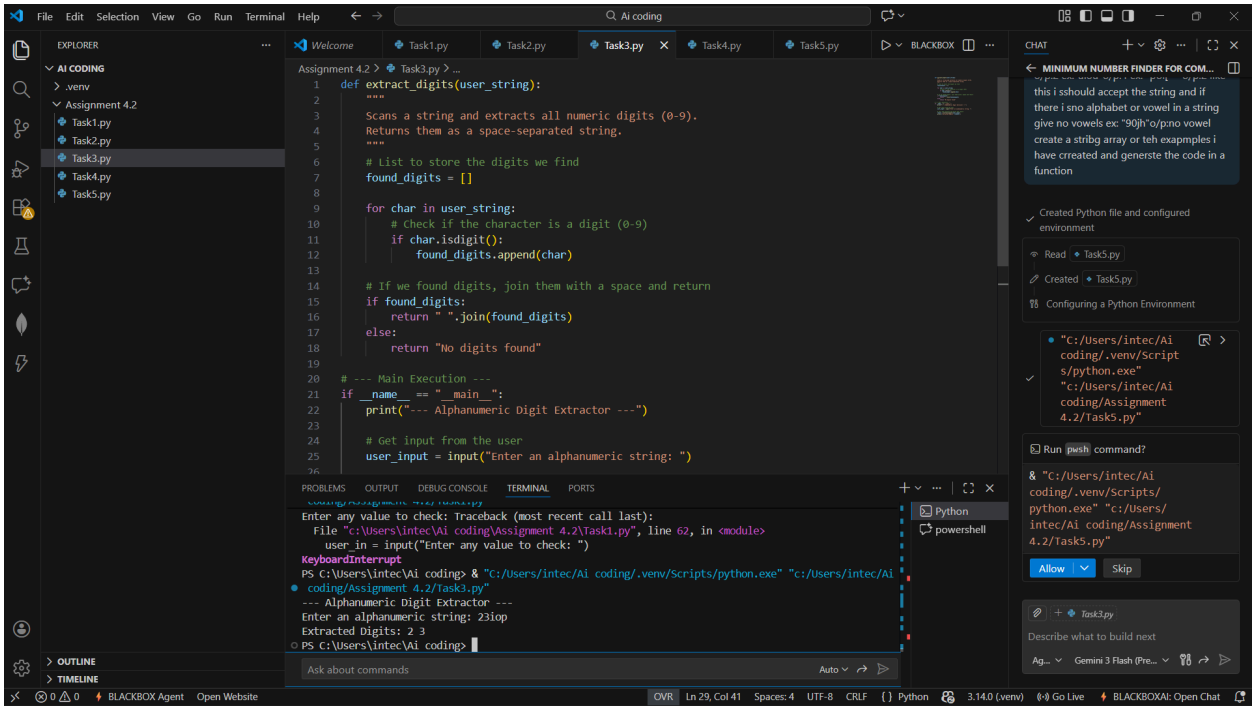
**Task1:prompt is: write a python code whether a given number is prime number but check every case like ex: if i enter the input as even its is not prime like 2,4 , a complex number is not 2i prime ,alphabet not prime a ,and number after alphabet A5 ,consider all kinds of constants and generate the code**



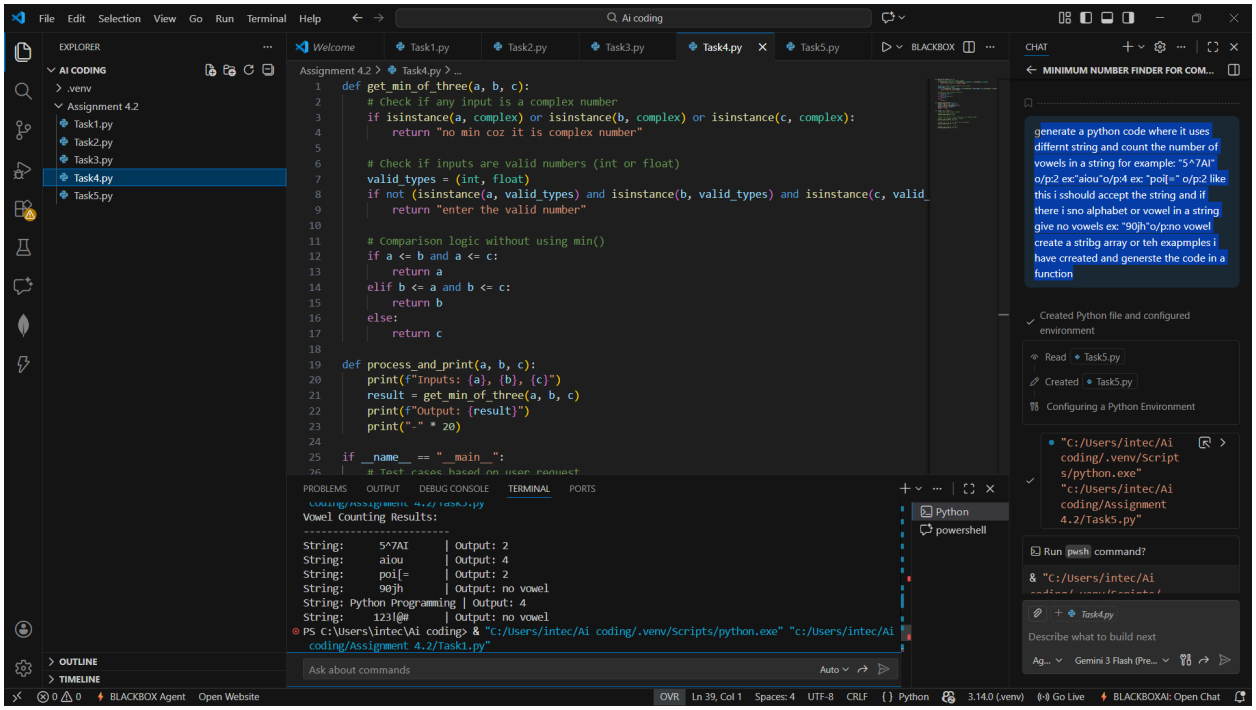
**Task2:prompt: generate a python code in which it sums the elements in the given list as input ex: if list contains elements like alphabets [a,b,c,d] is as no sum ,if it contains like [3,4,5] is as sum ,if it contains the negative numbers like [-2,-3,-4] it has sum ,if it contains any sort of special numbers it doesn't has sum check every possibilities and generate the code**



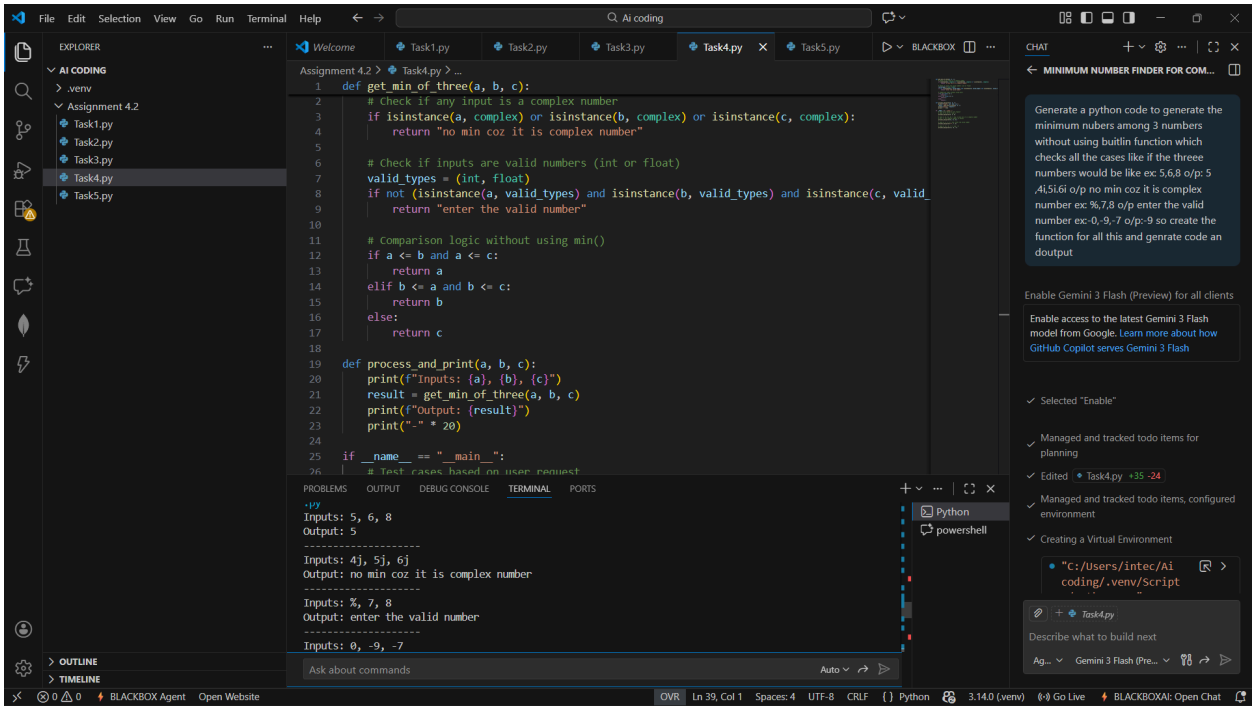

**Task3:prompt:generate a python code where user enters the different kind of alphanumeric string and create function which extracts only the digits from the alphanumeric string ex : "5i6jk"o/p:5 6 ,"$%90" o/p:9 0 ,"A69[L}" O/P:9 so generate the code for the given prompt**




**Task4:Generate a python code where it uses different string and count the number of vowels in a string for example: "5^7Al" o/p:2 ex:"aiou"o/p:4 ex: "poi[=" o/p:2 like this i sshould accept the string and if there is no alphabet or vowel in a string give no vowels ex: "90jh"o/p:no vowel create a string array or the examples I have created and generate the code in a function**




**Task5:Generate a python code to generate the minimum numbers among 3 numbers without using builtin function which checks all the cases like if the three numbers would be like ex: 5,6,8 o/p: 5 ,4i,5i.6i o/p no min coz it is complex number ex: %,7,8 o/p enter the valid number ex:-0,-9,-7 o/p:-9 so create the function for all this and generate code and output**


File Edit Selection View Go Run Terminal Help
Ai coding
EXPLORER
AI CODING
.venv
Assignment 4.2
Task1.py
Task2.py
Task3.py
Task4.py
Task5.py
Welcome
Task1.py
Task2.py
Task3.py
Task4.py
Task5.py
BLACKBOX
Assignment 4.2 > Task4.py > ...
def get_min_of_three(a, b, c):
# Check if any input is a complex number
if isinstance(a, complex) or isinstance(b, complex) or isinstance(c, complex):
return "no min coz it is complex number"
# Check if inputs are valid numbers (int or float)
valid_types = (int, float)
if not (isinstance(a, valid_types) and isinstance(b, valid_types) and isinstance(c, valid_
return "enter the valid number"
# Comparison logic without using min()
if a <= b and a <= c:
return a
elif b <= a and b <= c:
return b
else:
return c
def process_and_print(a, b, c):
print(f"Inputs: {a}, {b}, {c}")
result = get_min_of_three(a, b, c)
print(f"Output: {result}")
print("-" * 20)
if __name__ == "__main__":
# Test cases based on user request
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Inputs: 5, 6, 8
Output: 5
Inputs: 4j, 5j, 6j
Output: no min coz it is complex number
Inputs: %, 7, 8
Output: enter the valid number
Inputs: 0, -9, -7
Python
powershell
Ask about commands
Auto
OUTLINE
TIMELINE
CHAT
MINIMUM NUMBER FINDER FOR COM...
Generate a python code to generate the minimum nubers among 3 numbers without using builtin function which checks all the cases like if the threee numbers would be like ex: 5,6,8 o/p: 5 ,4i,5i,6i o/p no min coz it is complex number ex: %,7,8 o/p enter the valid number ex:-0,-9,-7 o/p:-9 so create the function for all this and genrate code an doutput
Enable Gemini 3 Flash (Preview) for all clients
Enable access to the latest Gemini 3 Flash model from Google. Learn more about how GitHub Copilot serves Gemini 3 Flash
Selected "Enable"
Managed and tracked todo items for planning
Edited Task4.py +35 -24
Managed and tracked todo items, configured environment
Creating a Virtual Environment
"C:/Users/intec/Ai coding/.venv/Script
Task4.py
Describe what to build next
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UTF-8
CRLF
Python
3.14.0 (.venv)
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