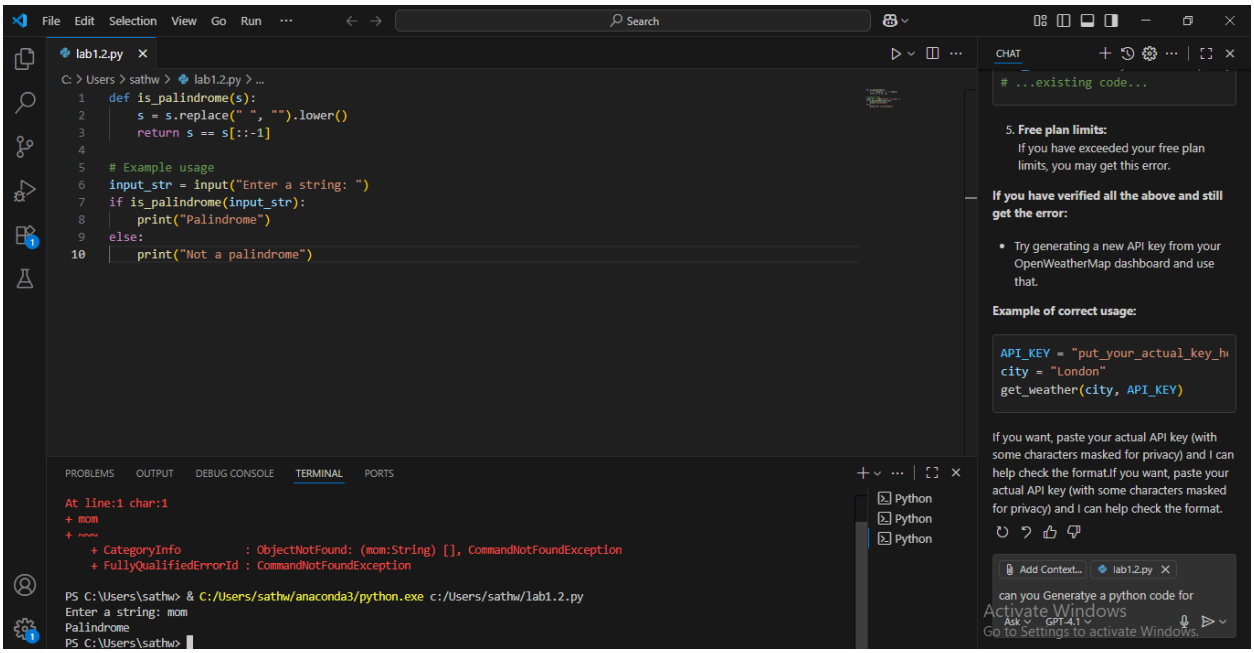
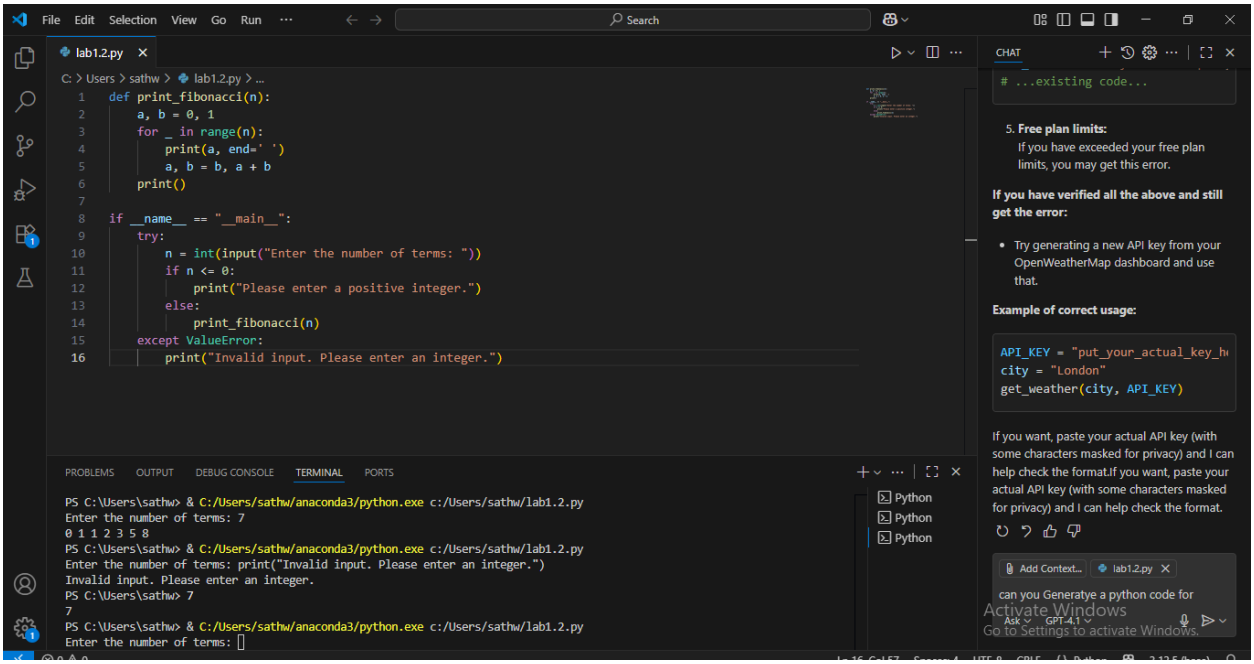
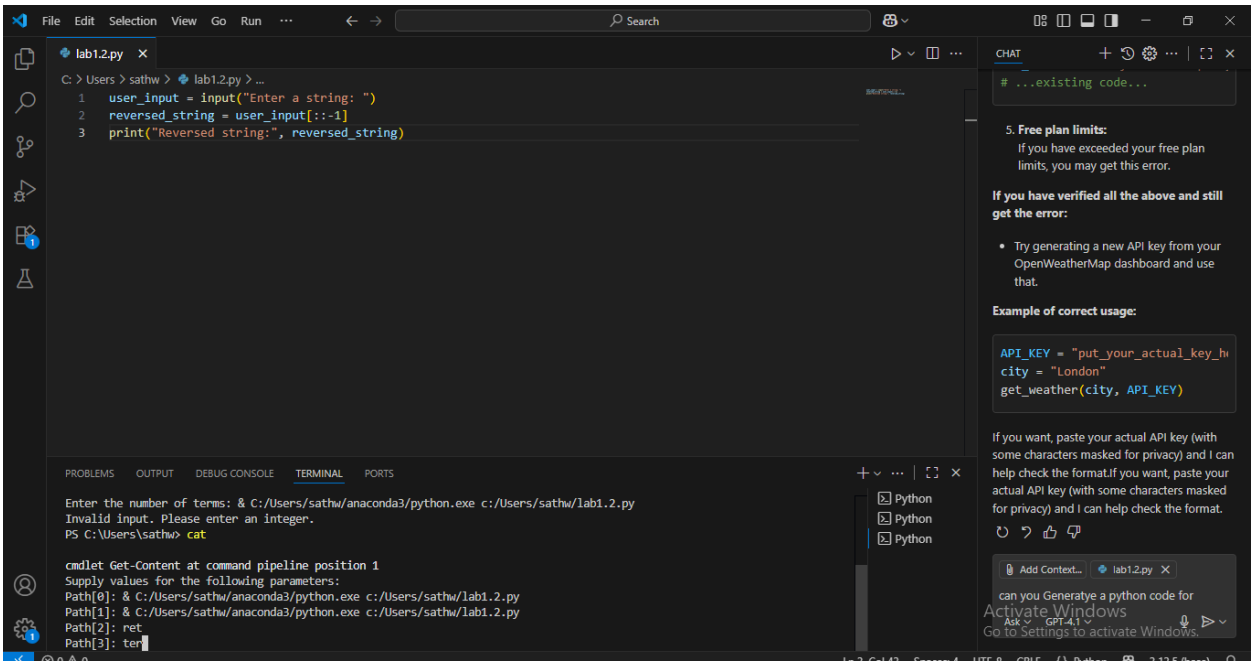
LAB 1 QUESTION 1:



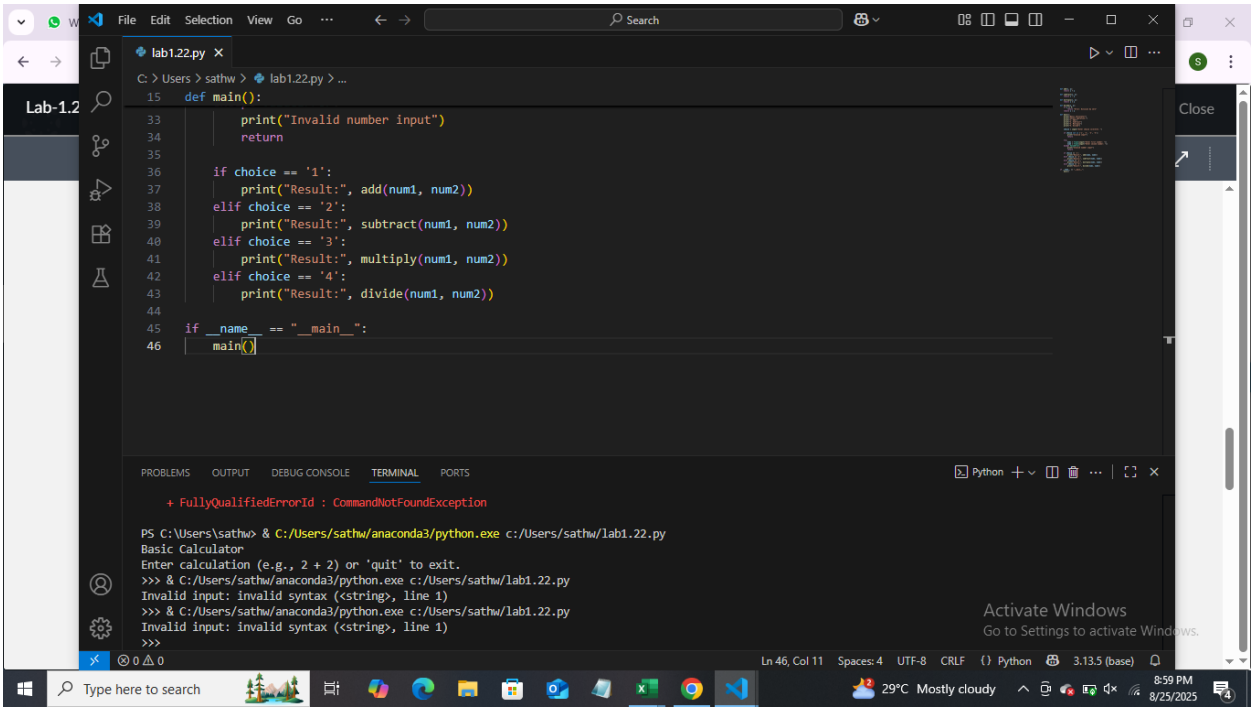
QUESTION 2:

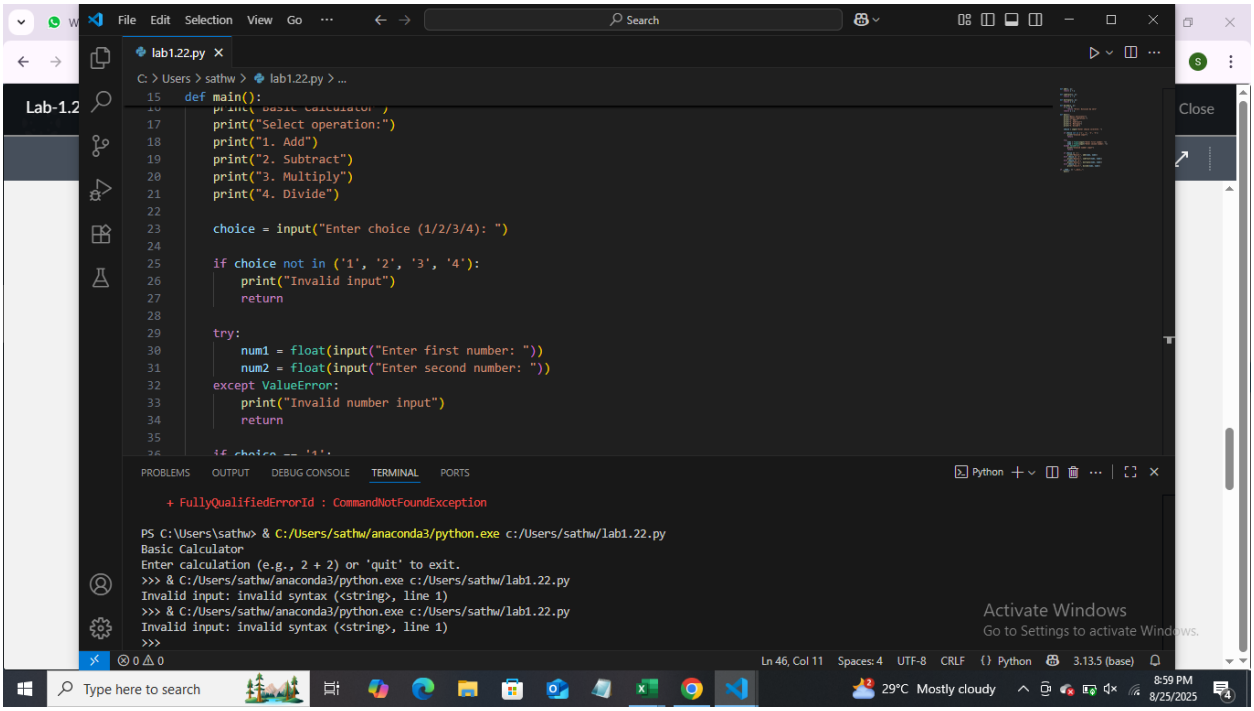


QUESTION 3:


File Edit Selection View Go Run
Search
lab1.2.py
C: > Users > sathw > lab1.2.py > ...
1 user_input = input("Enter a string: ")
2 reversed_string = user_input[::-1]
3 print("Reversed string:", reversed_string)
CHAT
...existing code...
5. Free plan limits:
If you have exceeded your free plan limits, you may get this error.
If you have verified all the above and still get the error:
Try generating a new API key from your OpenWeatherMap dashboard and use that.
Example of correct usage:
API_KEY = "put_your_actual_key_h
city = "London"
get_weather(city, API_KEY)
If you want, paste your actual API key (with some characters masked for privacy) and I can help check the format.If you want, paste your actual API key (with some characters masked for privacy) and I can help check the format.
Add Context...
lab1.2.py
can you Generatye a python code for
Ask
GPT-4.1
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Enter the number of terms: & C:/Users/sathw/anaconda3/python.exe c:/Users/sathw/lab1.2.py
Invalid input. Please enter an integer.
PS C:\Users\sathw> cat
cmdlet Get-Content at command pipeline position 1
Supply values for the following parameters:
Path[0]: & C:/Users/sathw/anaconda3/python.exe c:/Users/sathw/lab1.2.py
Path[1]: & C:/Users/sathw/anaconda3/python.exe c:/Users/sathw/lab1.2.py
Path[2]: ret
Path[3]: ter
Python
Python
Python
Activate Windows
Go to Settings to activate Windows.

QUESTION 4:


File Edit Selection View Go
Search
lab1.22.py
C: > Users > sathw > lab1.22.py > ...
def main():
print("Invalid number input")
return
if choice == '1':
print("Result:", add(num1, num2))
elif choice == '2':
print("Result:", subtract(num1, num2))
elif choice == '3':
print("Result:", multiply(num1, num2))
elif choice == '4':
print("Result:", divide(num1, num2))
if __name__ == "__main__":
main()
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
+ FullyQualifiedErrorId : CommandNotFoundException
PS C:\Users\sathw> & C:/Users/sathw/anaconda3/python.exe c:/Users/sathw/lab1.22.py
Basic Calculator
Enter calculation (e.g., 2 + 2) or 'quit' to exit.
>>> & C:/Users/sathw/anaconda3/python.exe c:/Users/sathw/lab1.22.py
Invalid input: invalid syntax (<string>, line 1)
>>> & C:/Users/sathw/anaconda3/python.exe c:/Users/sathw/lab1.22.py
Invalid input: invalid syntax (<string>, line 1)
>>>
Activate Windows
Go to Settings to activate Windows.
Ln 46, Col 11 Spaces: 4 UTF-8 CRLF Python 3.13.5 (base)
Type here to search
29°C Mostly cloudy
8:59 PM
8/25/2025


File Edit Selection View Go
Search
lab1.22.py
C: > Users > sathw > lab1.22.py > ...
def main():
print("Select operation:")
print("1. Add")
print("2. Subtract")
print("3. Multiply")
print("4. Divide")
choice = input("Enter choice (1/2/3/4): ")
if choice not in ('1', '2', '3', '4'):
print("Invalid input")
return
try:
num1 = float(input("Enter first number: "))
num2 = float(input("Enter second number: "))
except ValueError:
print("Invalid number input")
return
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
+ FullyQualifiedErrorId : CommandNotFoundException
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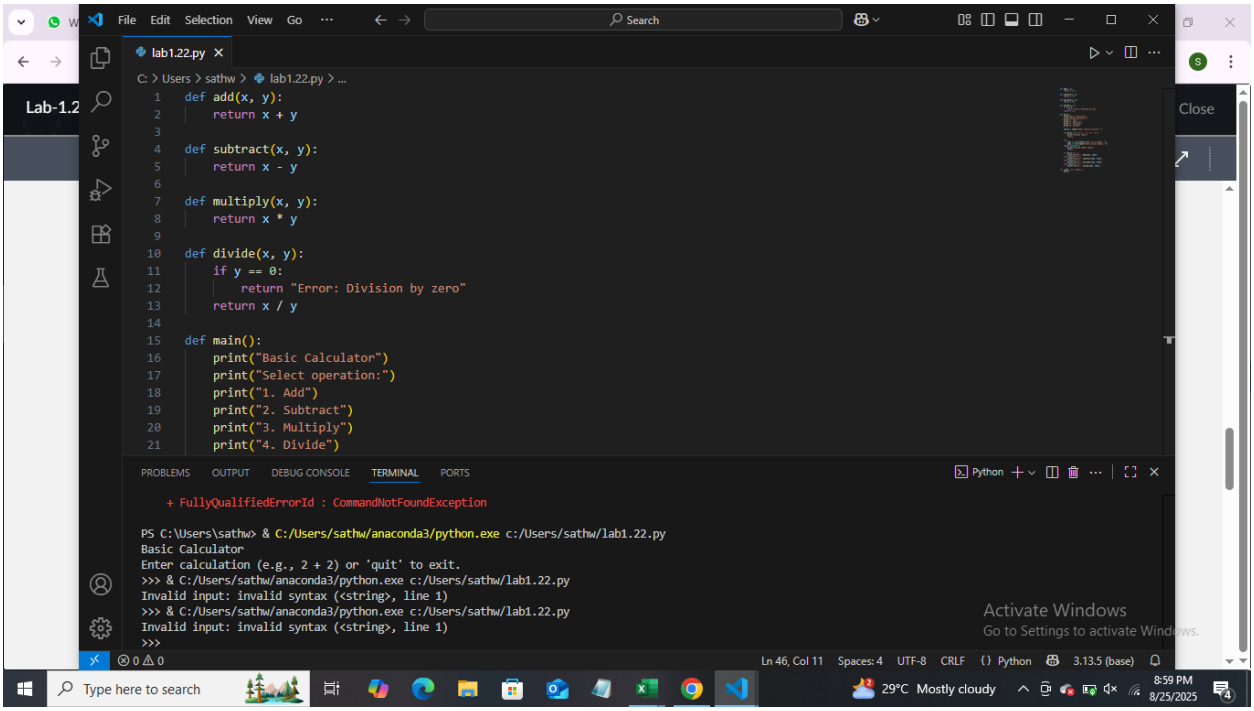
lab1.22.py
def add(x, y):
return x + y
def subtract(x, y):
return x - y
def multiply(x, y):
return x * y
def divide(x, y):
if y == 0:
return "Error: Division by zero"
return x / y
def main():
print("Basic Calculator")
print("Select operation:")
print("1. Add")
print("2. Subtract")
print("3. Multiply")
print("4. Divide")
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
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Invalid input: invalid syntax (<string>, line 1)
>>>
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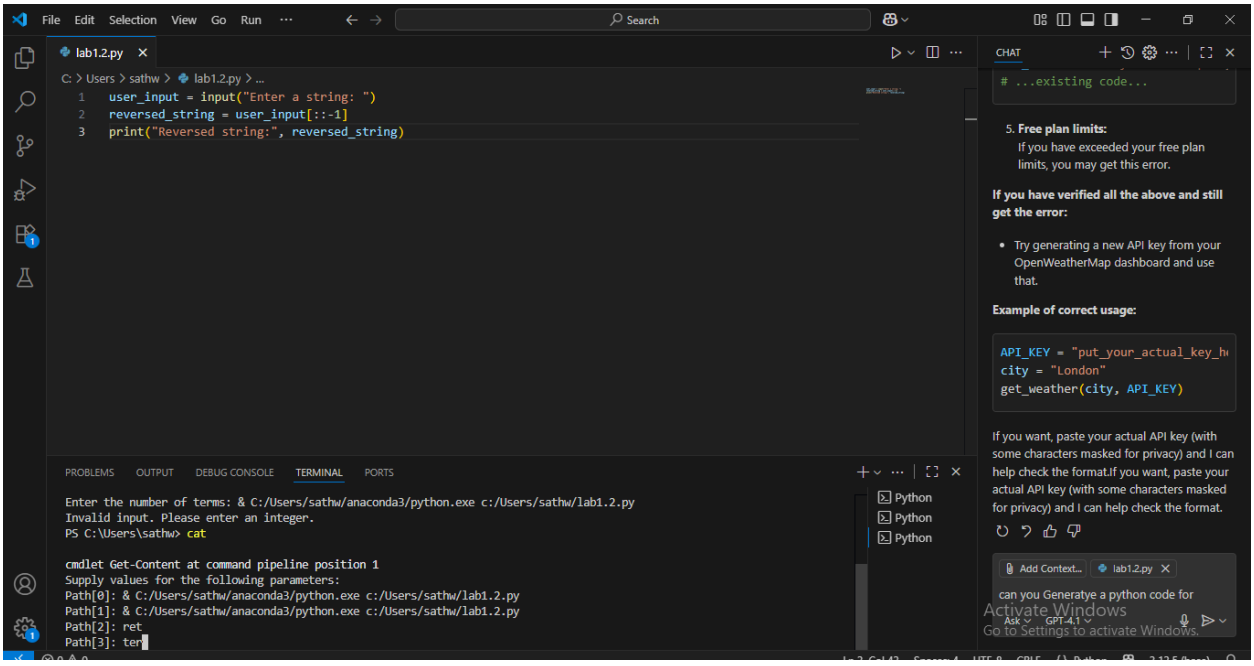
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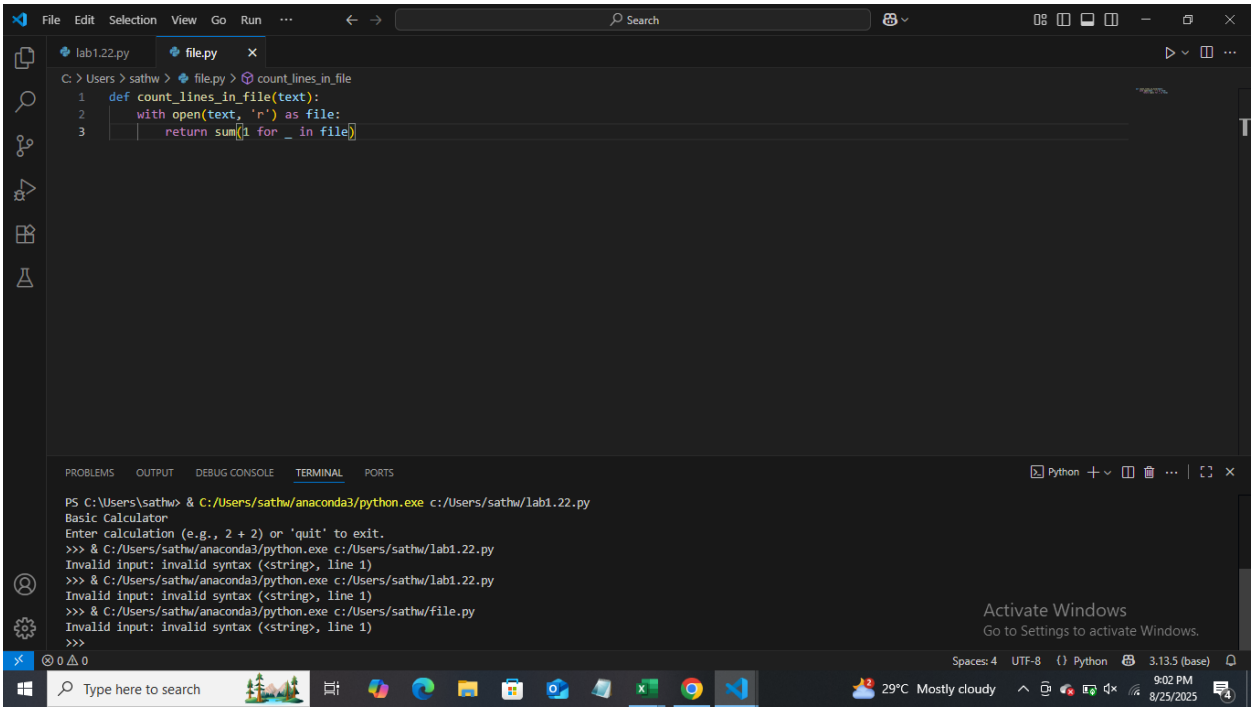
QUESTION 5:



EXPLANATION:

1.AS THE CODE PROVIDED BY THE AI CHECKS THE GIVEN STRING IS PALLINDROME OR NOT.

2.THE CODE GIVES AN OUTPUT OF THE SEQUENCE OF FIBONACCI SERIES.

3.THE AI TOOL GENERATES THE BASIC CALCULATOR WHICH PERFORMS OPEATIONS LIKE ADD,SUBTARCT,MULTIPLYAND DIVISION

4.THE AI CODE GENERATES THE REVERSE STRING

5. THE AI TOOL GENERAYES THE CODE WHICH READS THE FILE AND WRITES IN IT .