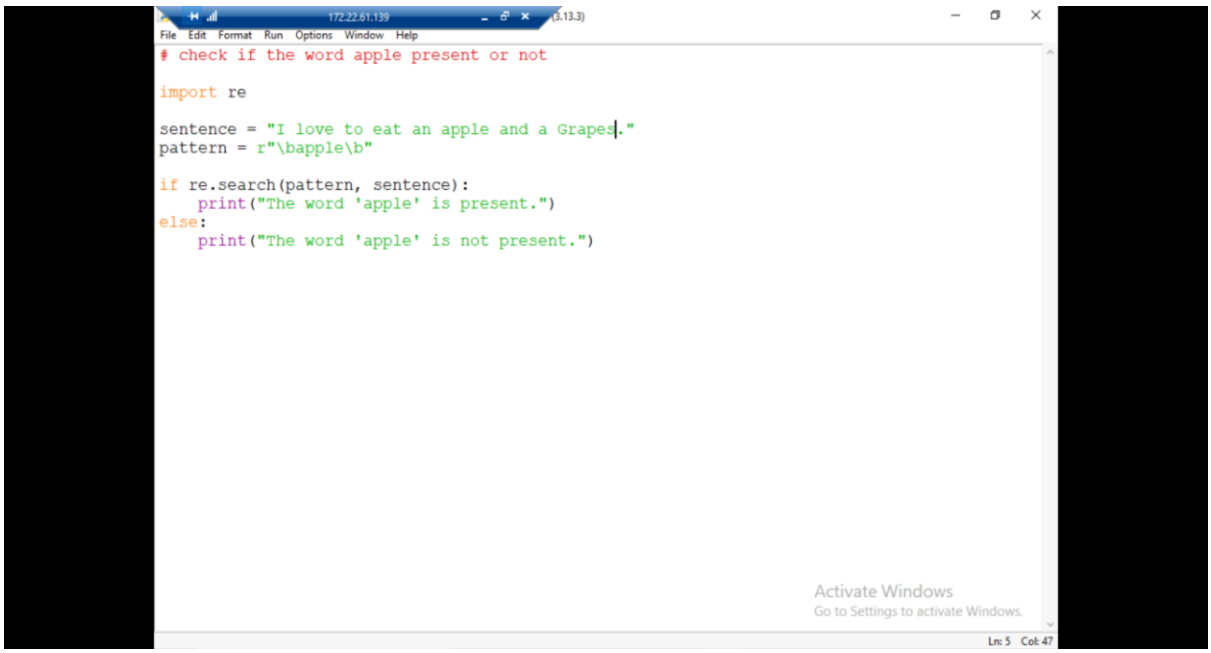
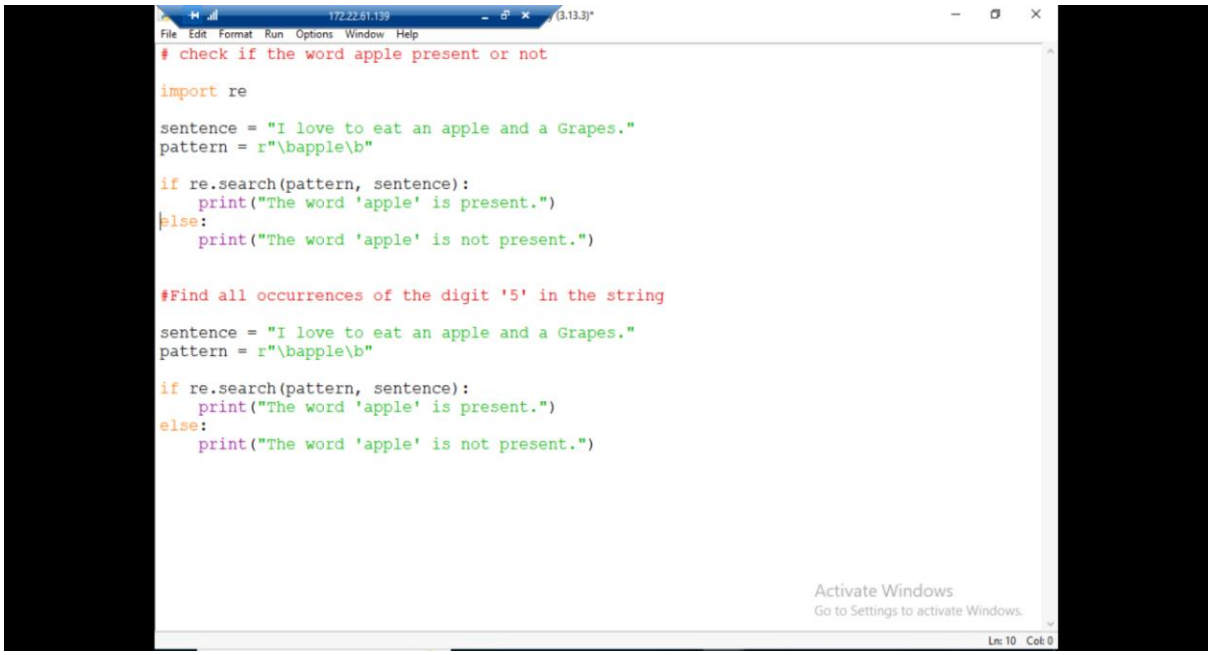
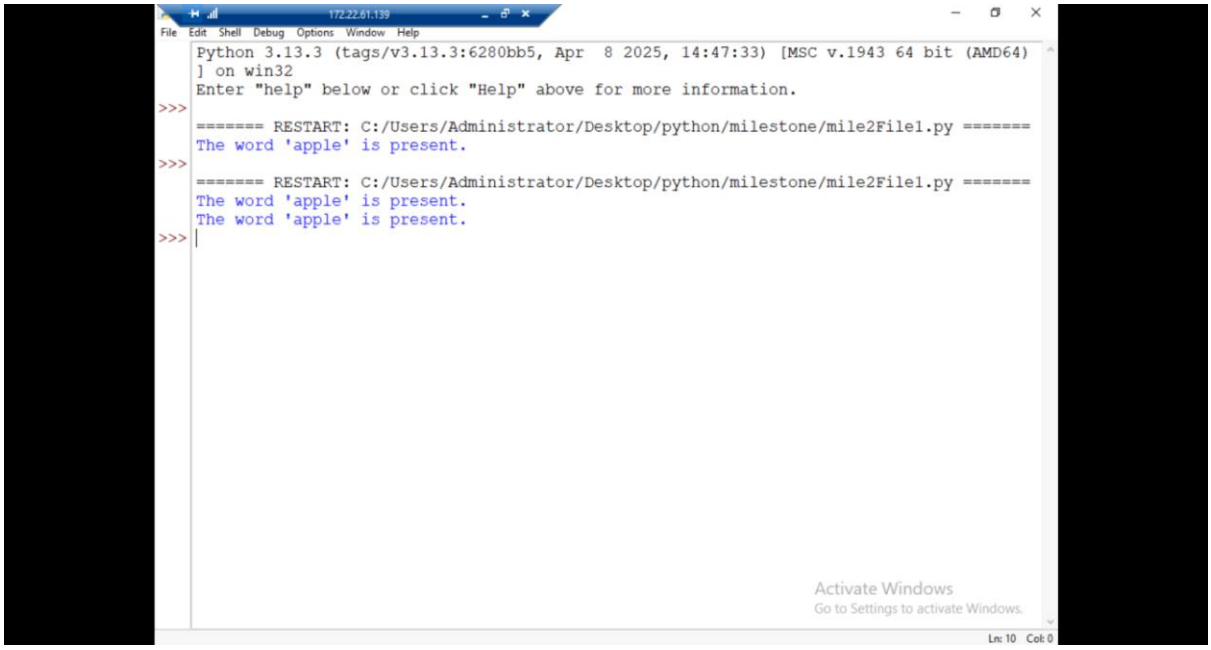
Q1. (1) Check if word apple present in the sentence or not

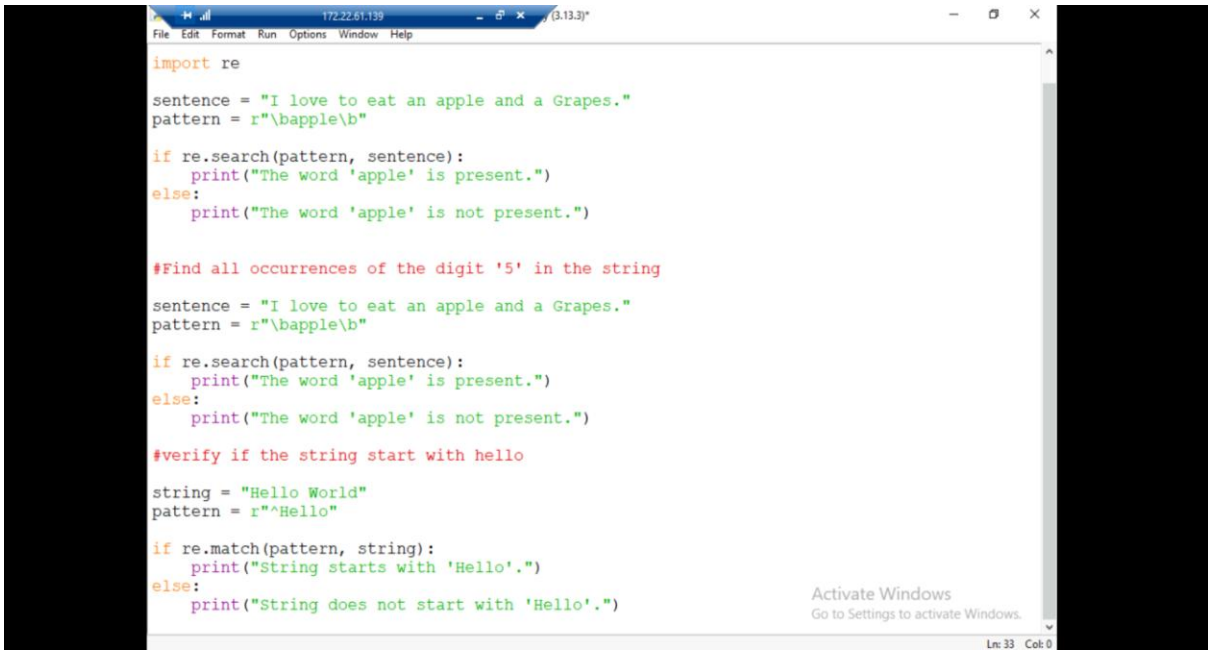


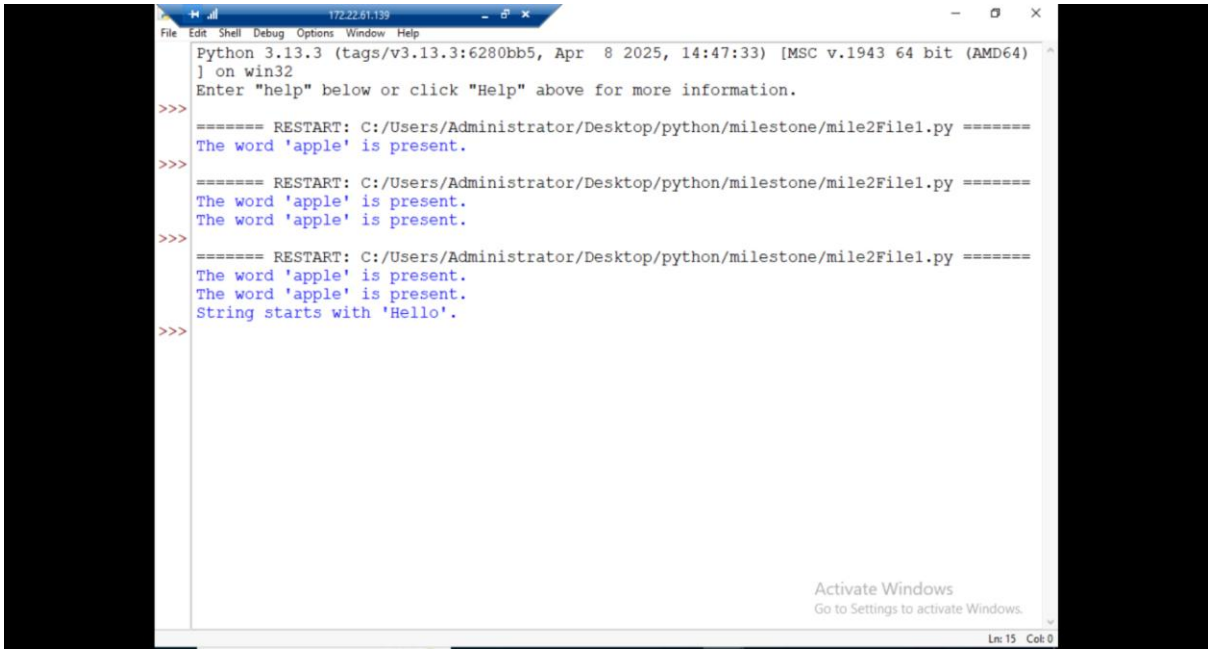
Q1. (2)Find all occurrences of the digit '5' in the string "The code is 12345 and the date is 2025-05-10.



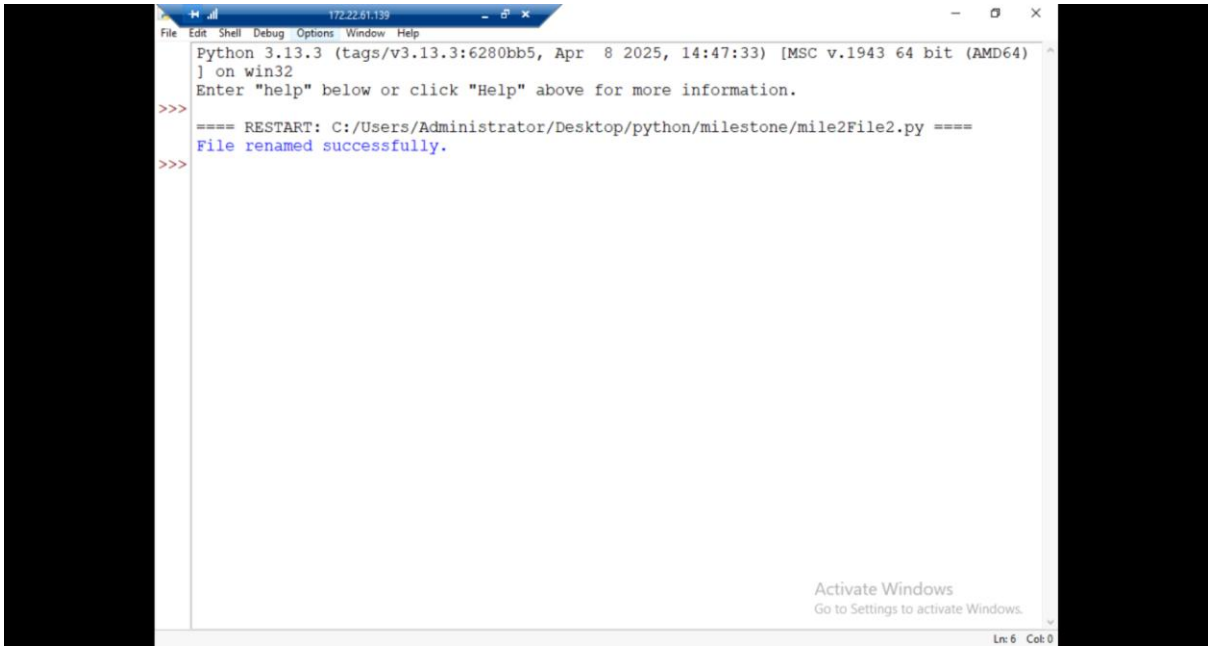


Q1. (3) Verify if a string starts with "Hello".

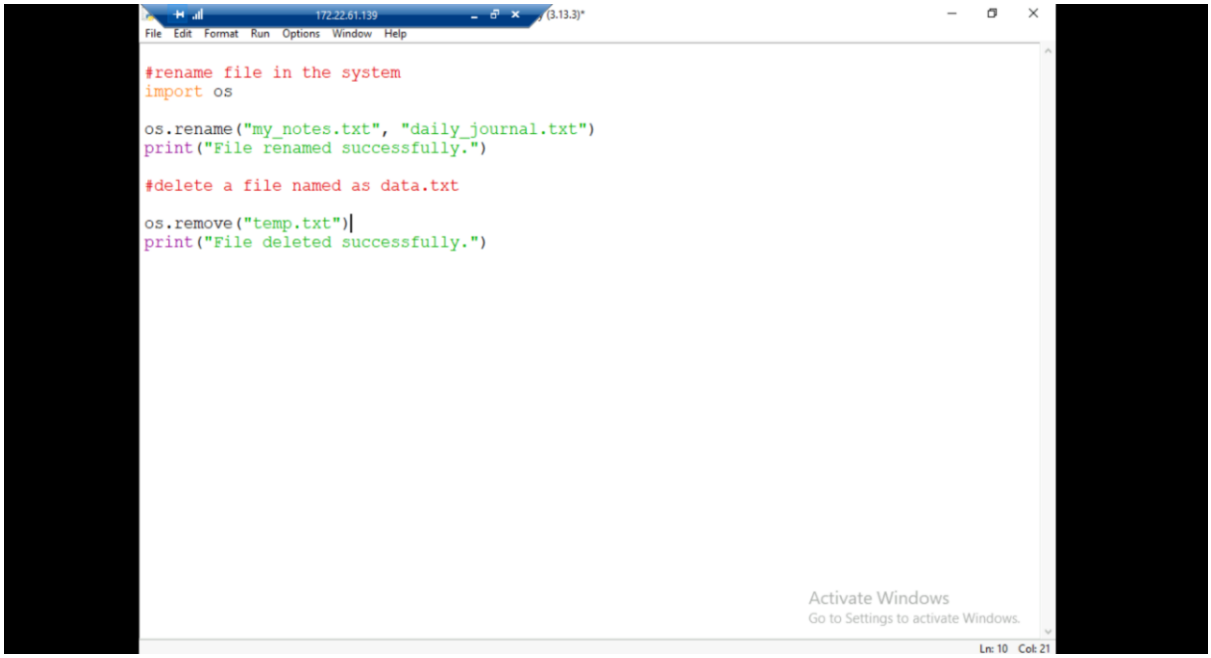


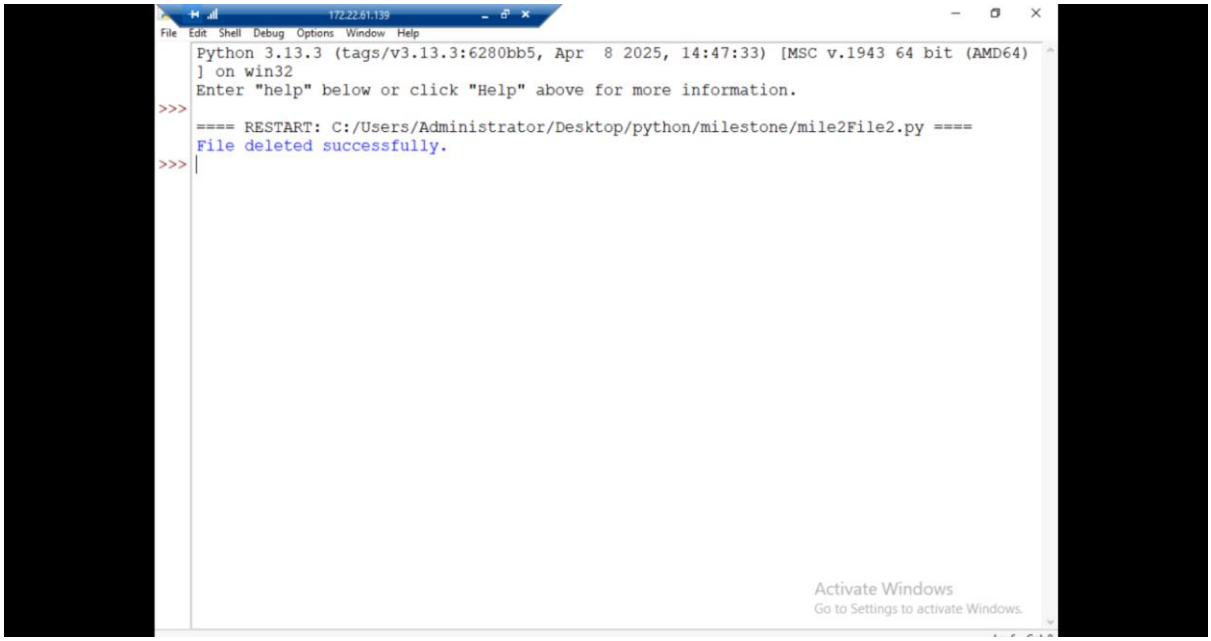


Q2. (1) Rename an existing file (e.g., my_notes.txt to daily_journal.txt).

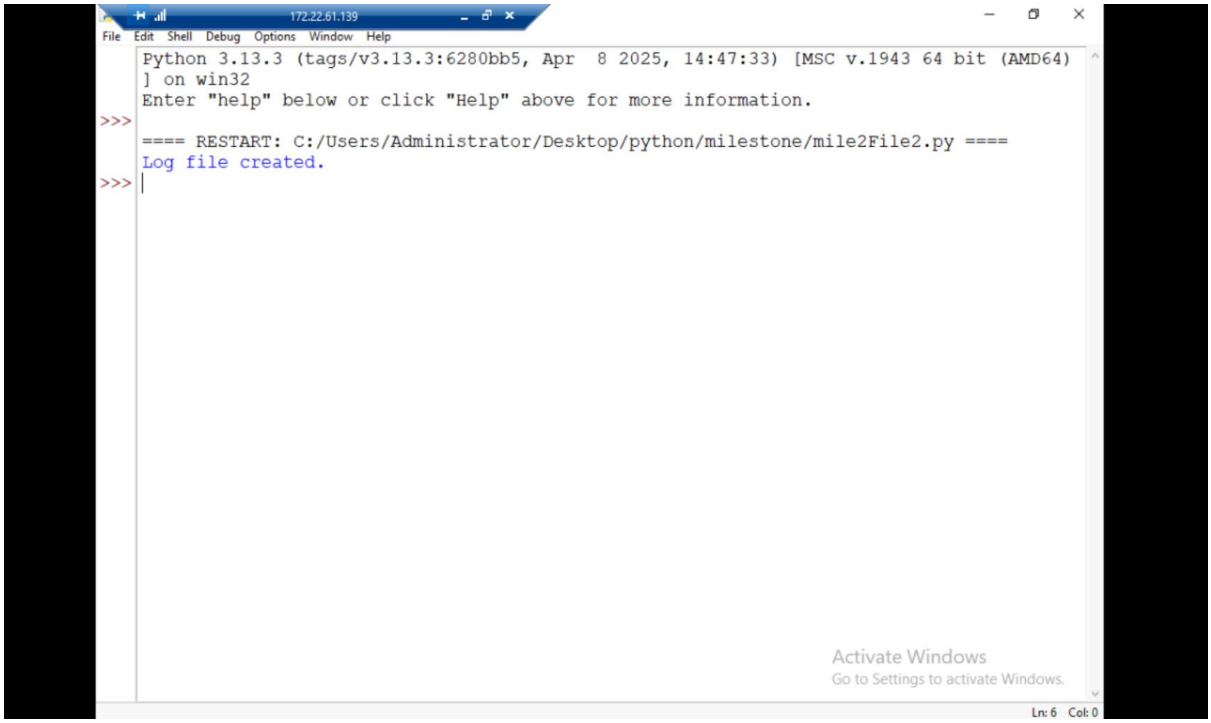


Q2. (2) remove file which has name data.txt

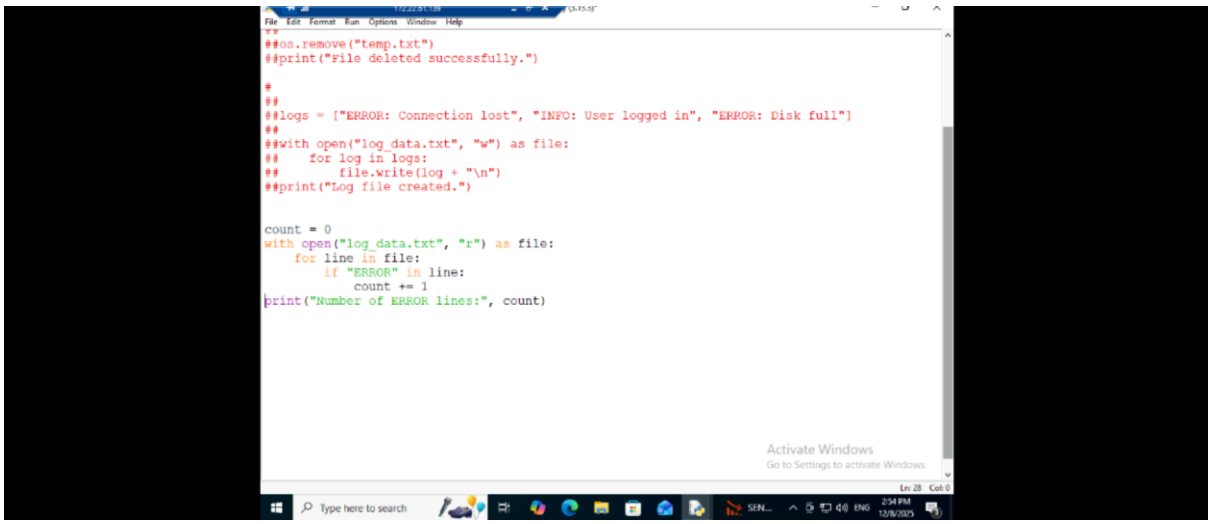


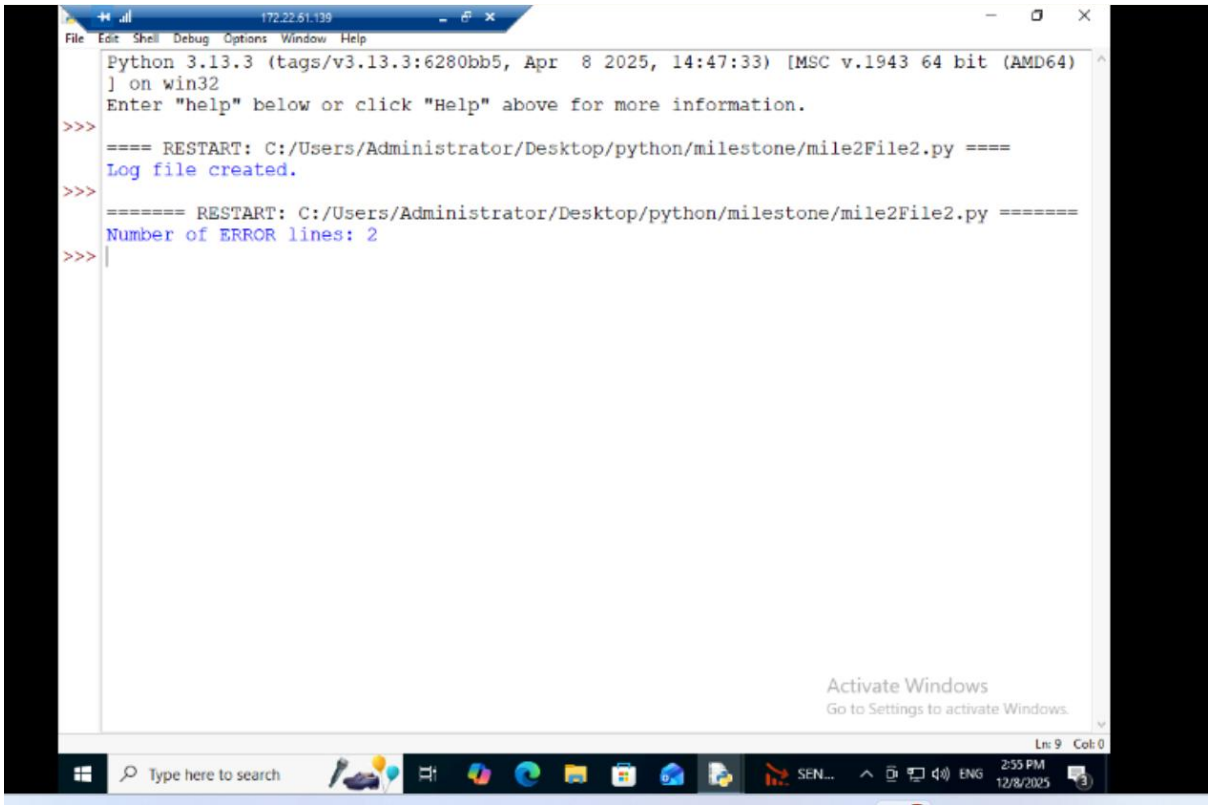


Q2.(3) Create a new text file named log_data.txt and write multiple lines of randomlog entries (e.g., "ERROR: Connection lost", "INFO: User logged in") into it

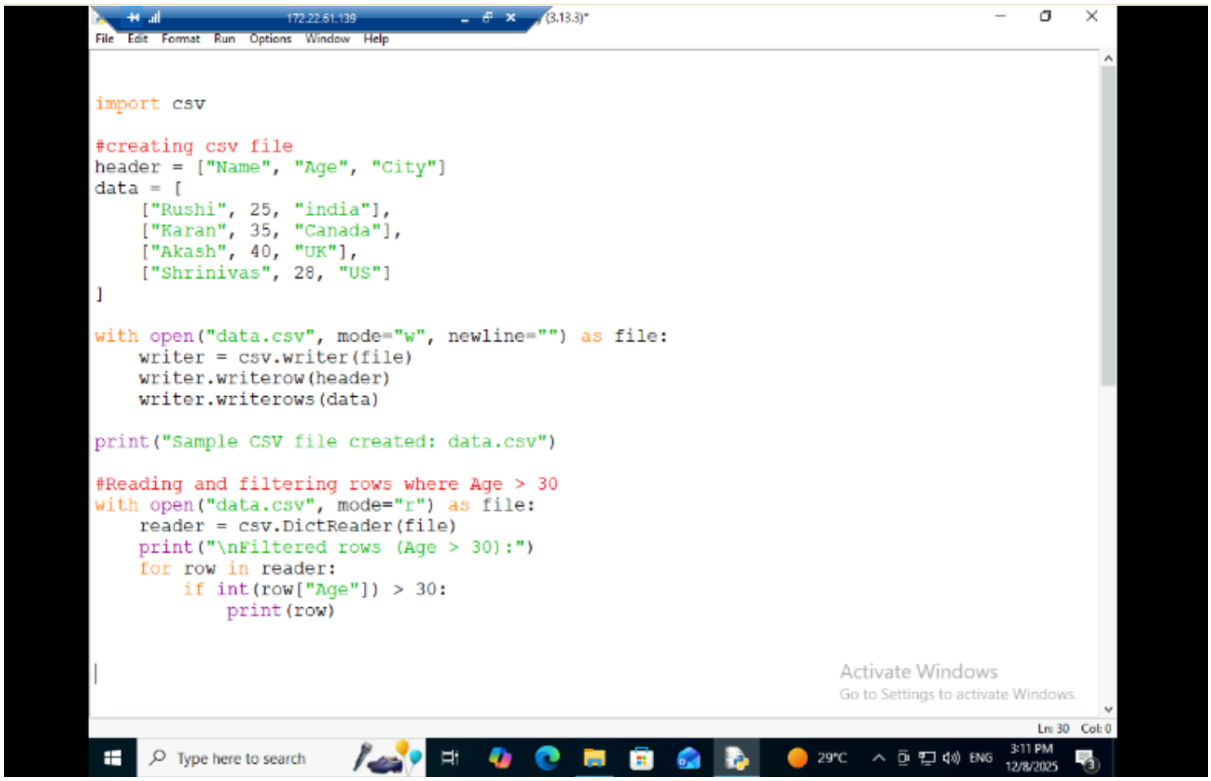


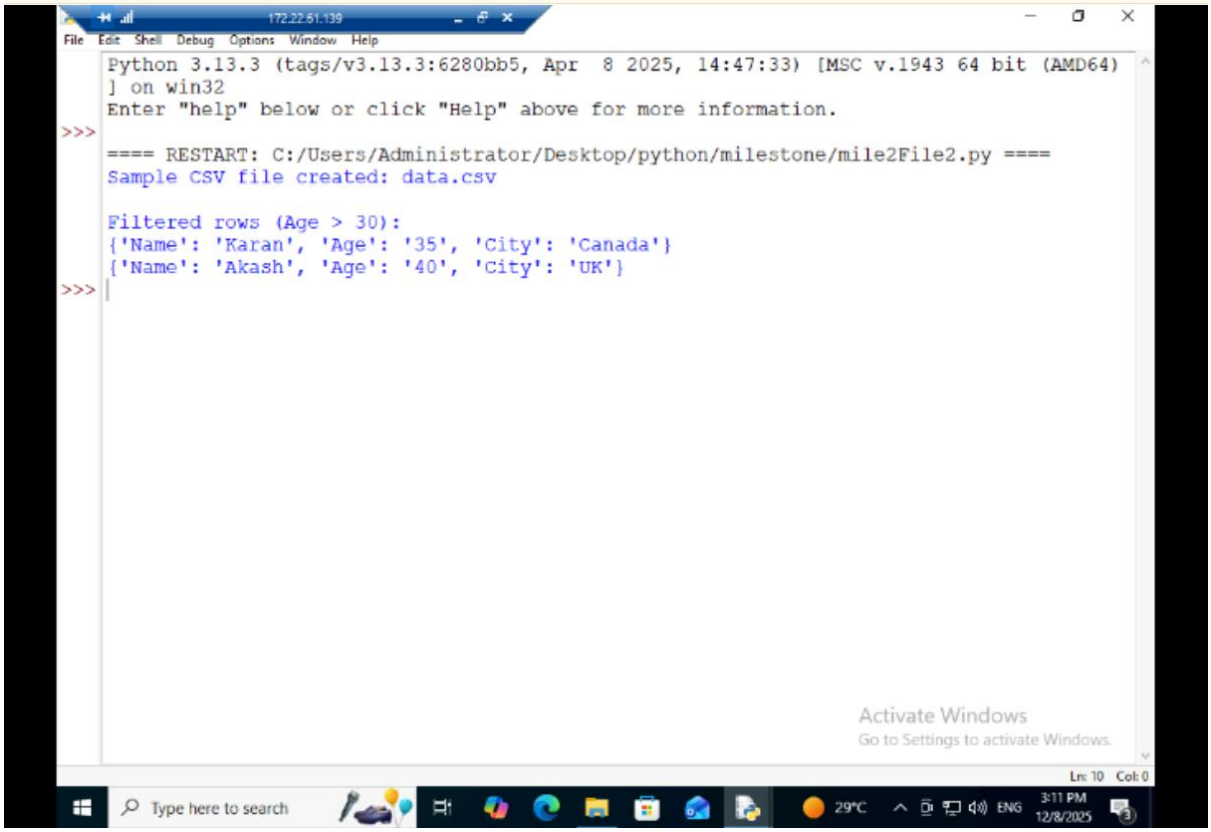
Q2.(4) Count the number of lines in log_data.txt that contain the word "ERROR".



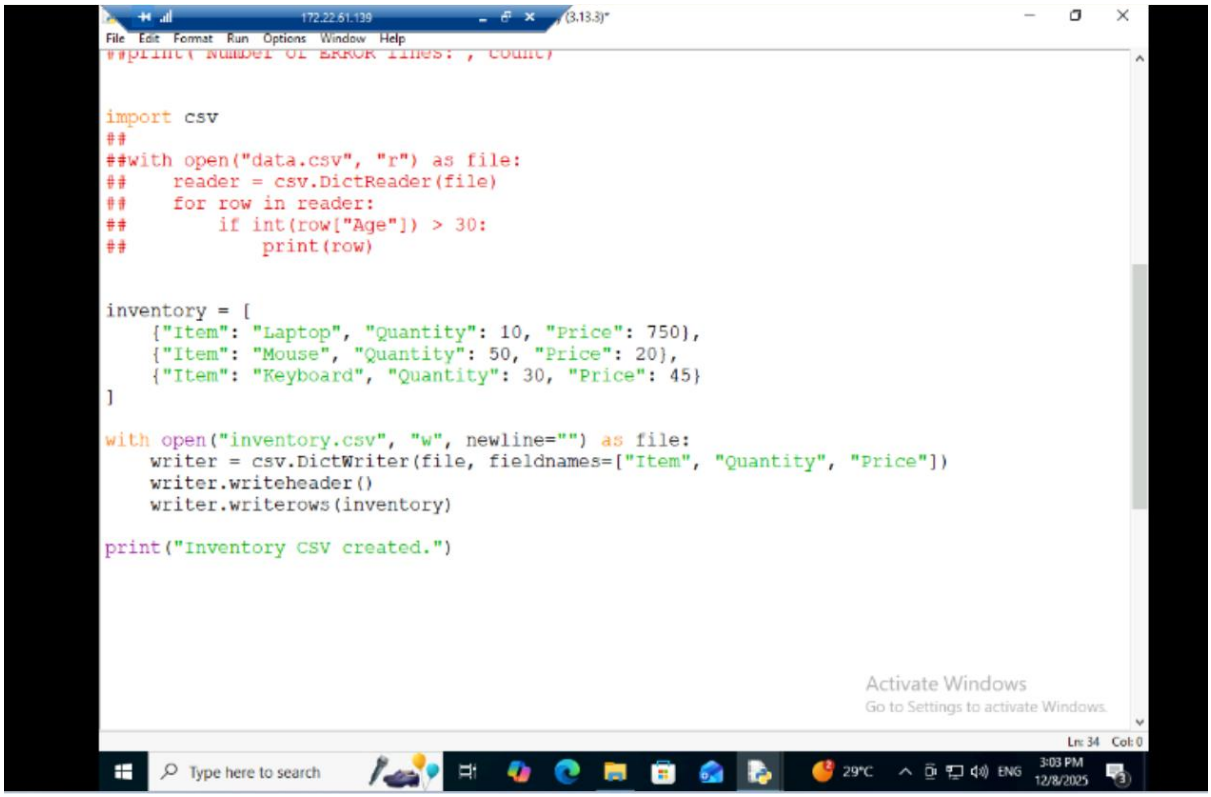


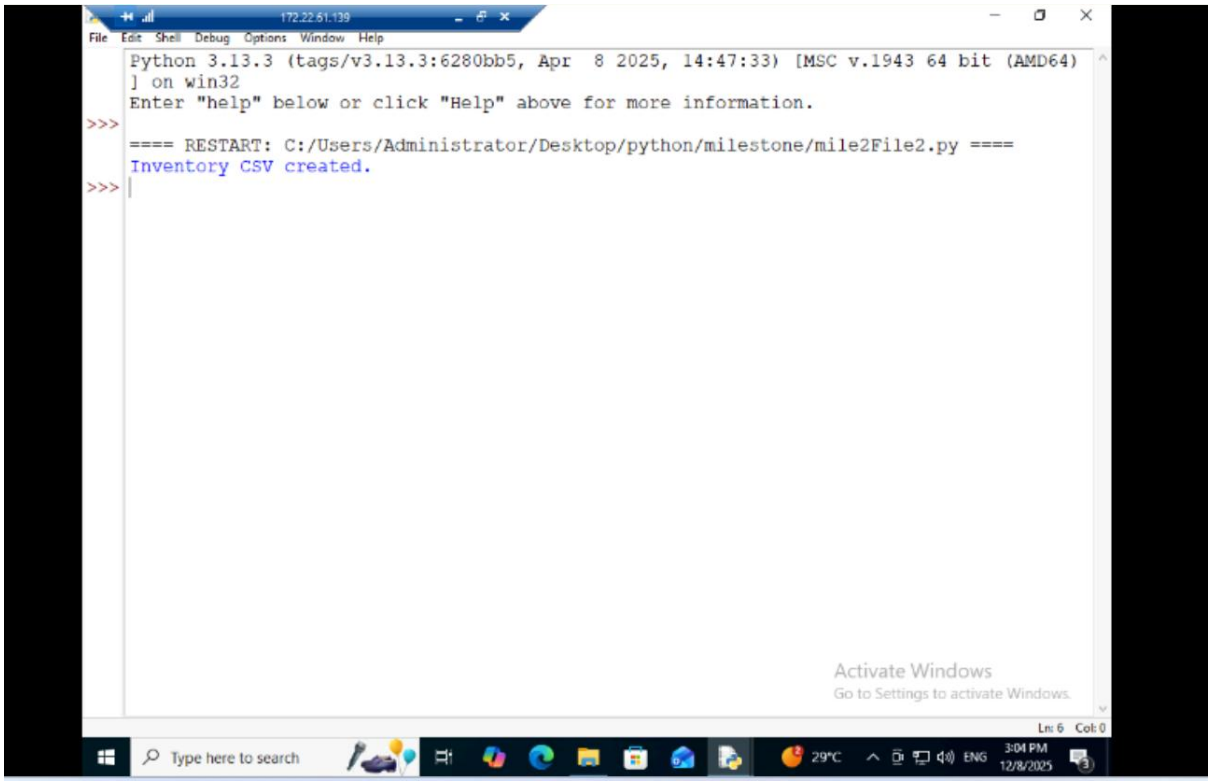
Q2(5) Read data.csv and filter the data to only include rows where the "Age" is greater than 30, then print these filtered rows.





Q2.(6) Create a new CSV file named inventory.csv from a list of dictionaries, where each dictionary represents an item with keys like "Item", "Quantity", and "Price".


172.22.61.139
File Edit Format Run Options Window Help
##print(Number of ERROR lines: , count)
import csv
##
##with open("data.csv", "r") as file:
reader = csv.DictReader(file)
for row in reader:
if int(row["Age"]) > 30:
print(row)
inventory = [
{"Item": "Laptop", "Quantity": 10, "Price": 750},
{"Item": "Mouse", "Quantity": 50, "Price": 20},
{"Item": "Keyboard", "Quantity": 30, "Price": 45}
]
with open("inventory.csv", "w", newline="") as file:
writer = csv.DictWriter(file, fieldnames=["Item", "Quantity", "Price"])
writer.writeheader()
writer.writerows(inventory)
print("Inventory CSV created.")
Activate Windows
Go to Settings to activate Windows.
Ln: 34 Col: 0
Type here to search
29°C
ENG
3:03 PM
12/8/2025


172.22.61.139
File Edit Shell Debug Options Window Help
Python 3.13.3 (tags/v3.13.3:6280bb5, Apr 8 2025, 14:47:33) [MSC v.1943 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
==== RESTART: C:/Users/Administrator/Desktop/python/milestone/mile2File2.py ====
Inventory CSV created.
>>>
Activate Windows
Go to Settings to activate Windows.
Ln: 6 Col: 0
Type here to search
29°C
ENG
3:04 PM
12/8/2025