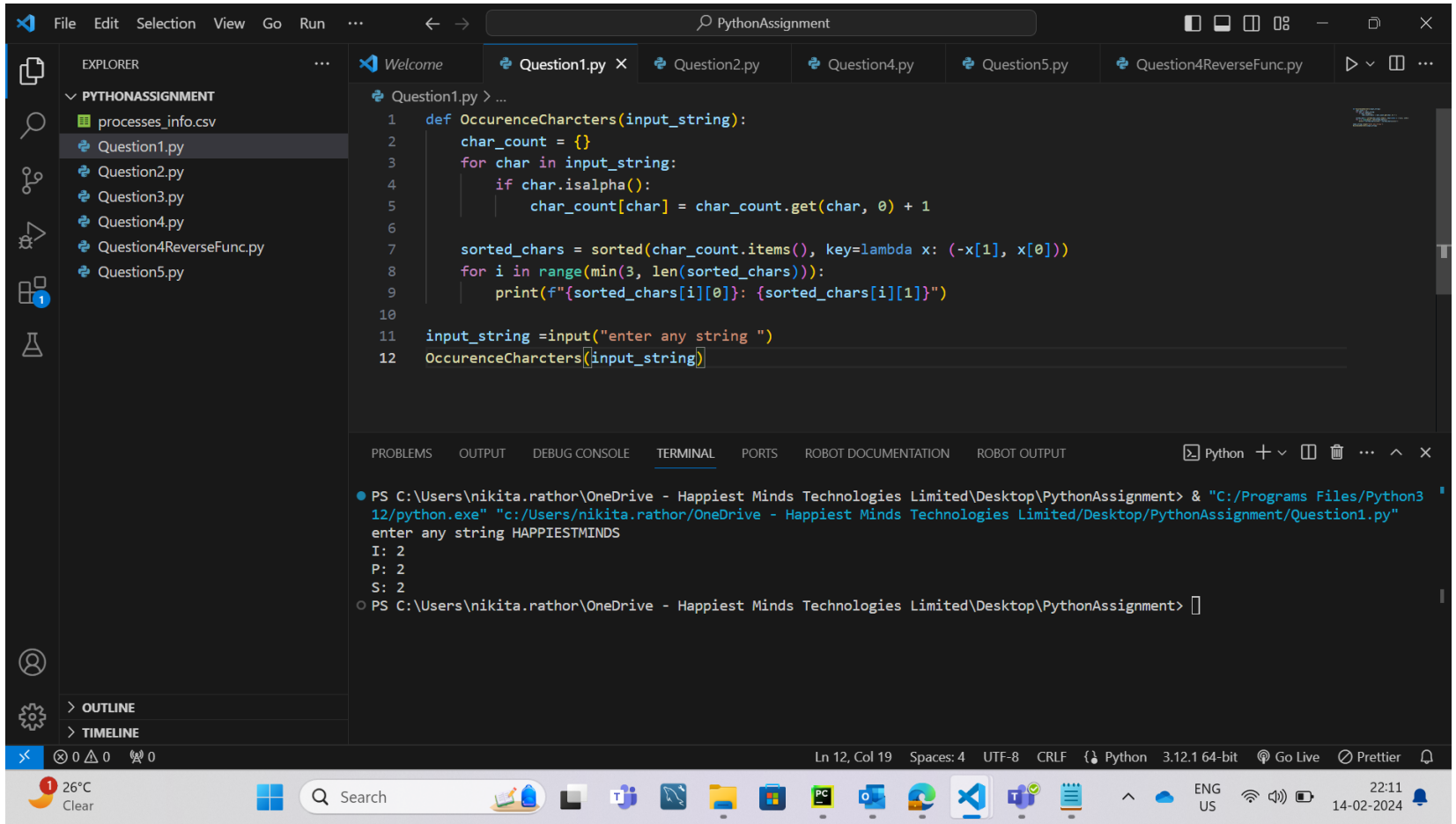
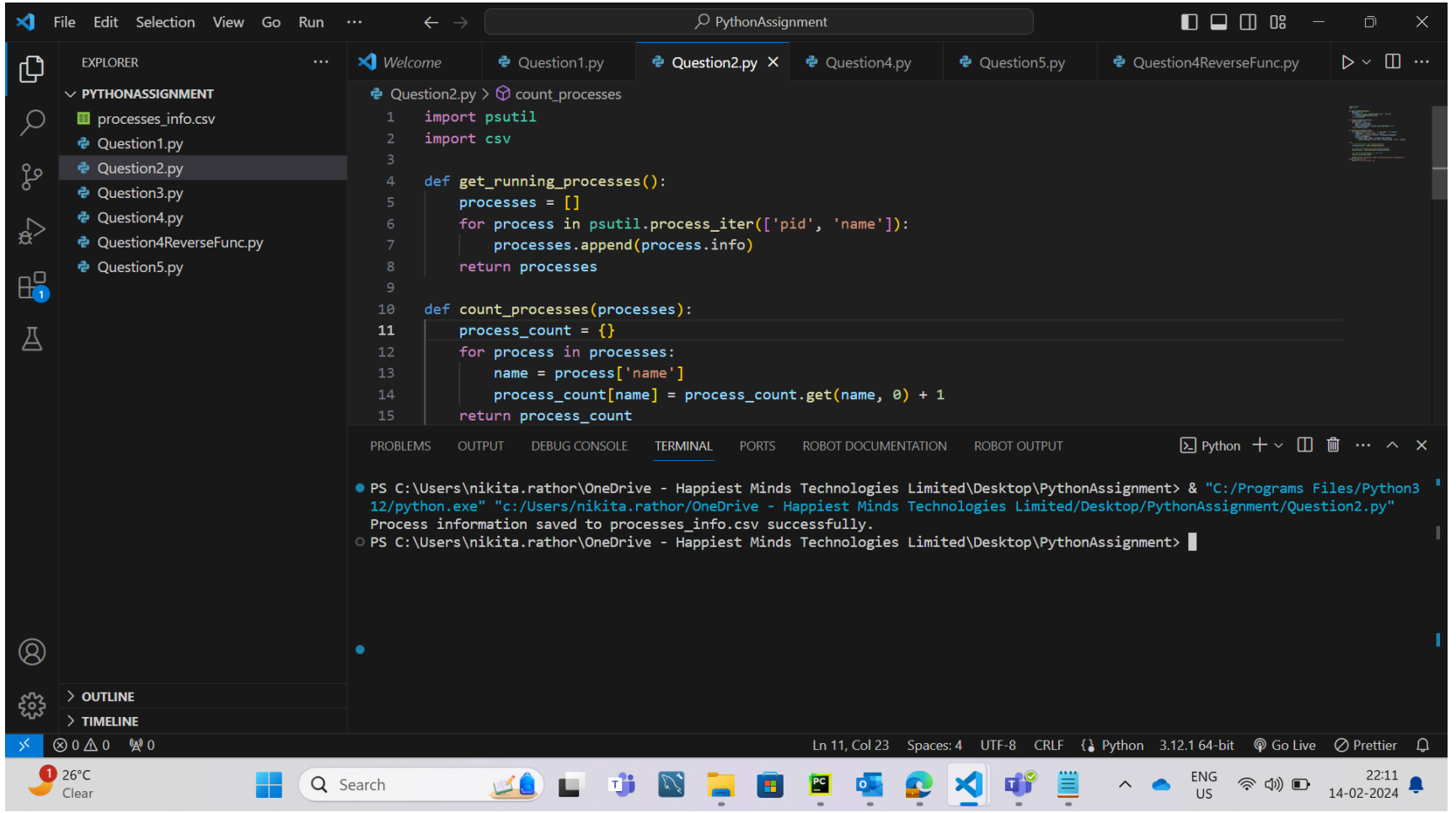
Screenshot of Outputs

Question 1



Question 2


File Edit Selection View Go Run
PythonAssignment
EXPLORER
PYTHONASSIGNMENT
processes_info.csv
Question1.py
Question2.py
Question3.py
Question4.py
Question4ReverseFunc.py
Question5.py
Welcome
Question1.py
Question2.py
Question4.py
Question5.py
Question4ReverseFunc.py
Question2.py > count_processes
import psutil
import csv
def get_running_processes():
processes = []
for process in psutil.process_iter(['pid', 'name']):
processes.append(process.info)
return processes
def count_processes(processes):
process_count = {}
for process in processes:
name = process['name']
process_count[name] = process_count.get(name, 0) + 1
return process_count
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ROBOT DOCUMENTATION ROBOT OUTPUT
Python
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment> & "C:/Programs Files/Python312/python.exe" "c:/Users/nikita.rathor/OneDrive - Happiest Minds Technologies Limited/Desktop/PythonAssignment/Question2.py"
Process information saved to processes_info.csv successfully.
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment>
OUTLINE
TIMELINE
Ln 11, Col 23 Spaces: 4 UTF-8 CRLF Python 3.12.1 64-bit Go Live Prettier
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ENG US
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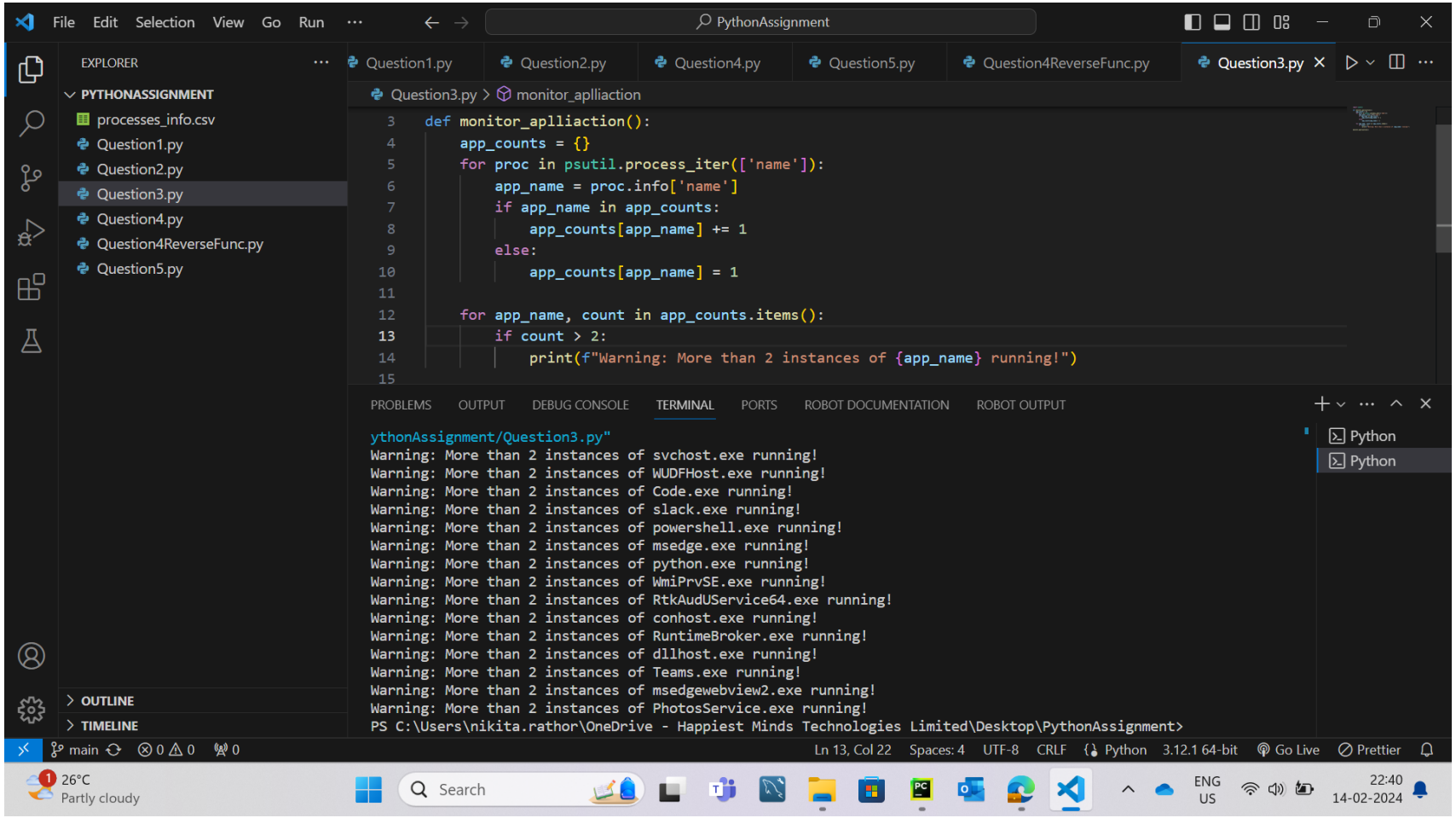
Question 3


File Edit Selection View Go Run
PythonAssignment
EXPLORER
PYTHONASSIGNMENT
processes_info.csv
Question1.py
Question2.py
Question3.py
Question4.py
Question4ReverseFunc.py
Question5.py
Question1.py
Question2.py
Question4.py
Question5.py
Question4ReverseFunc.py
Question3.py
Question3.py > monitor_aplliaction
def monitor_aplliaction():
app_counts = {}
for proc in psutil.process_iter(['name']):
app_name = proc.info['name']
if app_name in app_counts:
app_counts[app_name] += 1
else:
app_counts[app_name] = 1
for app_name, count in app_counts.items():
if count > 2:
print(f"Warning: More than 2 instances of {app_name} running!")
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ROBOT DOCUMENTATION ROBOT OUTPUT
ythonAssignment/Question3.py"
Warning: More than 2 instances of svchost.exe running!
Warning: More than 2 instances of WUDFHost.exe running!
Warning: More than 2 instances of Code.exe running!
Warning: More than 2 instances of slack.exe running!
Warning: More than 2 instances of powershell.exe running!
Warning: More than 2 instances of msedge.exe running!
Warning: More than 2 instances of python.exe running!
Warning: More than 2 instances of WmiPrvSE.exe running!
Warning: More than 2 instances of RtkAudUService64.exe running!
Warning: More than 2 instances of conhost.exe running!
Warning: More than 2 instances of RuntimeBroker.exe running!
Warning: More than 2 instances of dllhost.exe running!
Warning: More than 2 instances of Teams.exe running!
Warning: More than 2 instances of msedgewebview2.exe running!
Warning: More than 2 instances of PhotosService.exe running!
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment>
Python
Python
OUTLINE
TIMELINE
main
Ln 13, Col 22 Spaces: 4 UTF-8 CRLF Python 3.12.1 64-bit Go Live Prettier
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US
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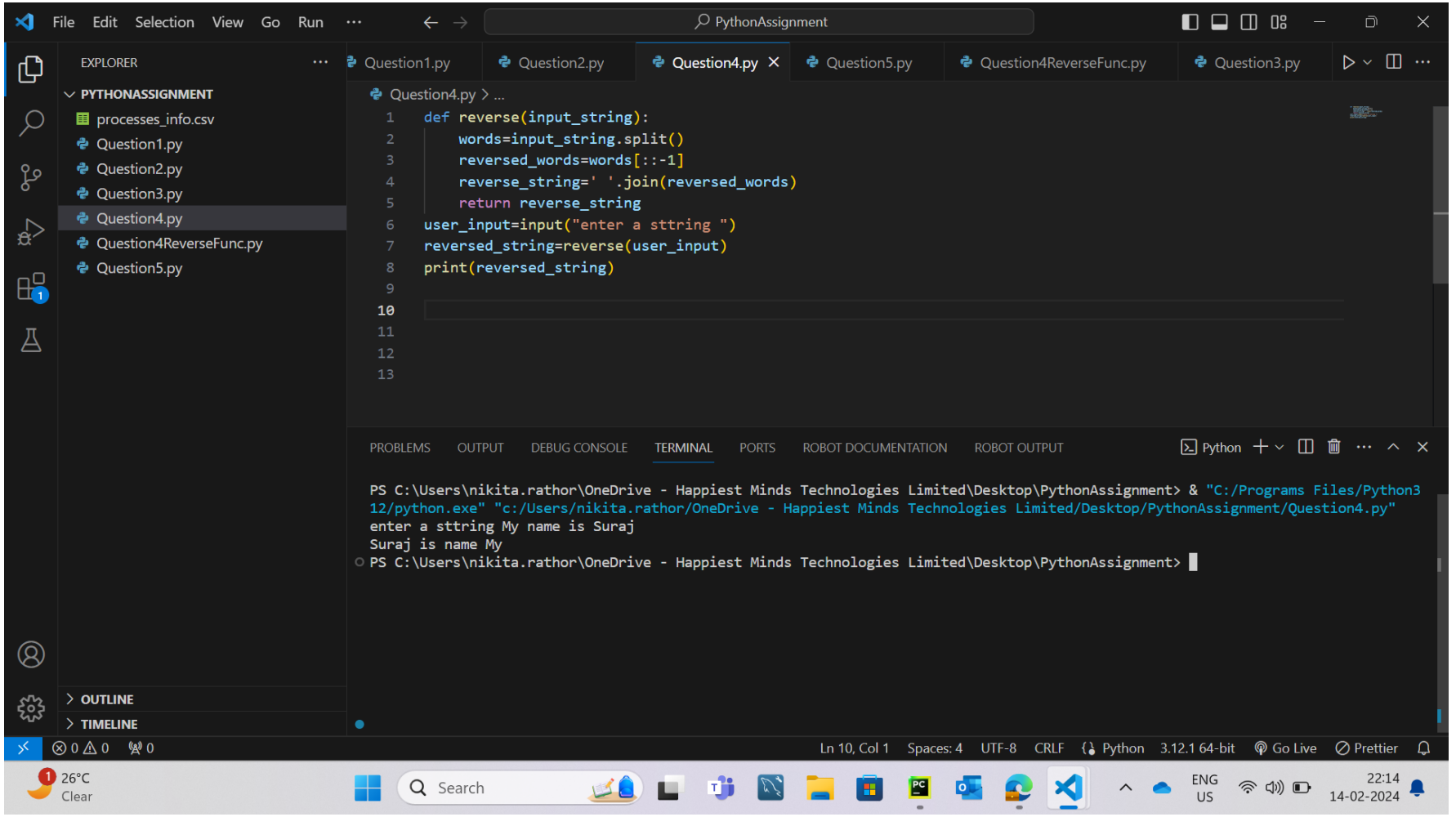
14-02-2024

Question 4


File Edit Selection View Go Run
PythonAssignment
EXPLORER
PYTHONASSIGNMENT
processes_info.csv
Question1.py
Question2.py
Question3.py
Question4.py
Question4ReverseFunc.py
Question5.py
Question1.py
Question2.py
Question4.py
Question5.py
Question4ReverseFunc.py
Question3.py
Question4.py > ...
1 def reverse(input_string):
2 words=input_string.split()
3 reversed_words=words[::-1]
4 reverse_string=' '.join(reversed_words)
5 return reverse_string
6 user_input=input("enter a sttring ")
7 reversed_string=reverse(user_input)
8 print(reversed_string)
9
10
11
12
13
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ROBOT DOCUMENTATION ROBOT OUTPUT
Python
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment> & "C:/Programs Files/Python312/python.exe" "c:/Users/nikita.rathor/OneDrive - Happiest Minds Technologies Limited/Desktop/PythonAssignment/Question4.py"
enter a sttring My name is Suraj
Suraj is name My
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment>
OUTLINE
TIMELINE
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Search
ENG US
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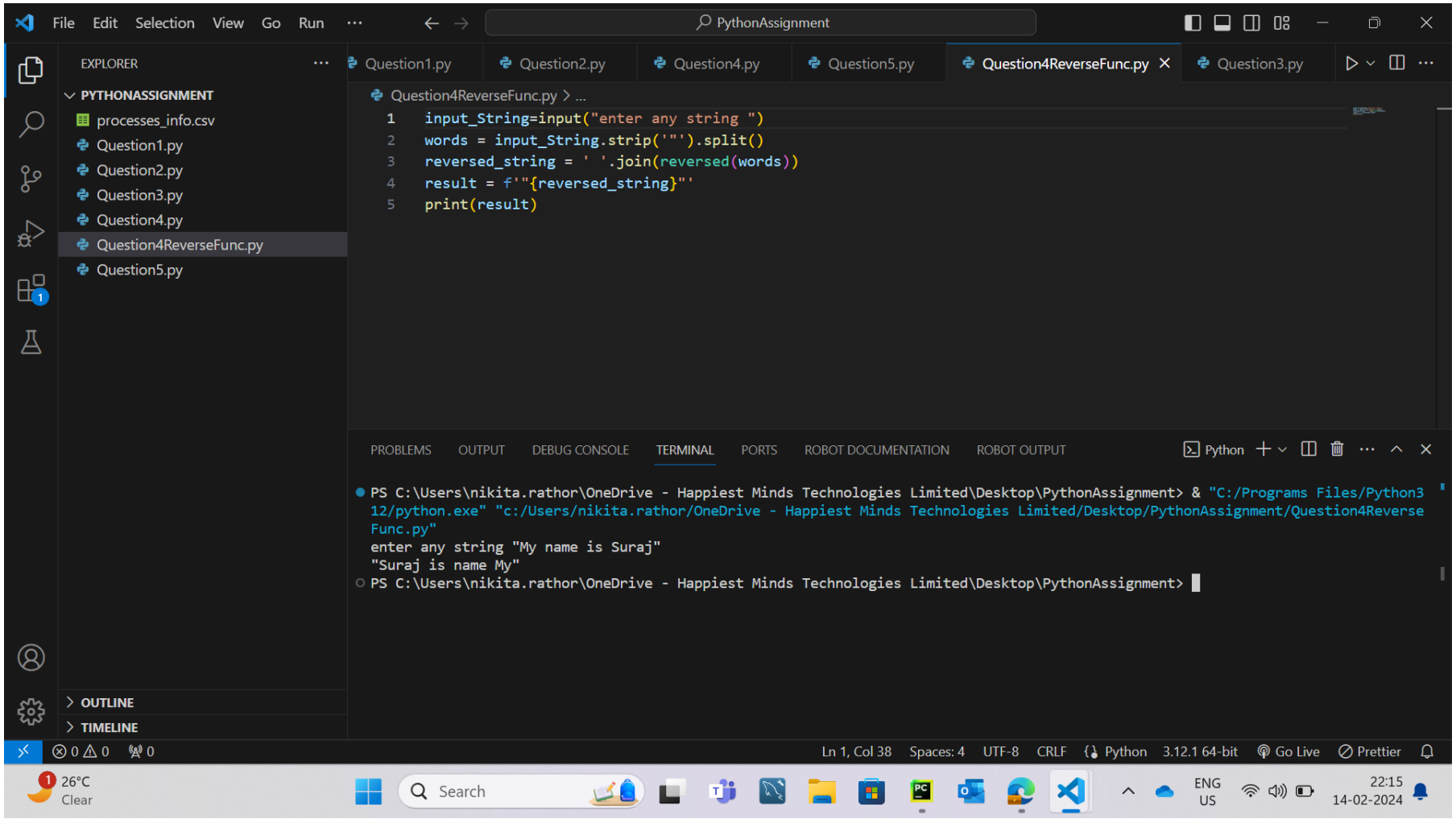
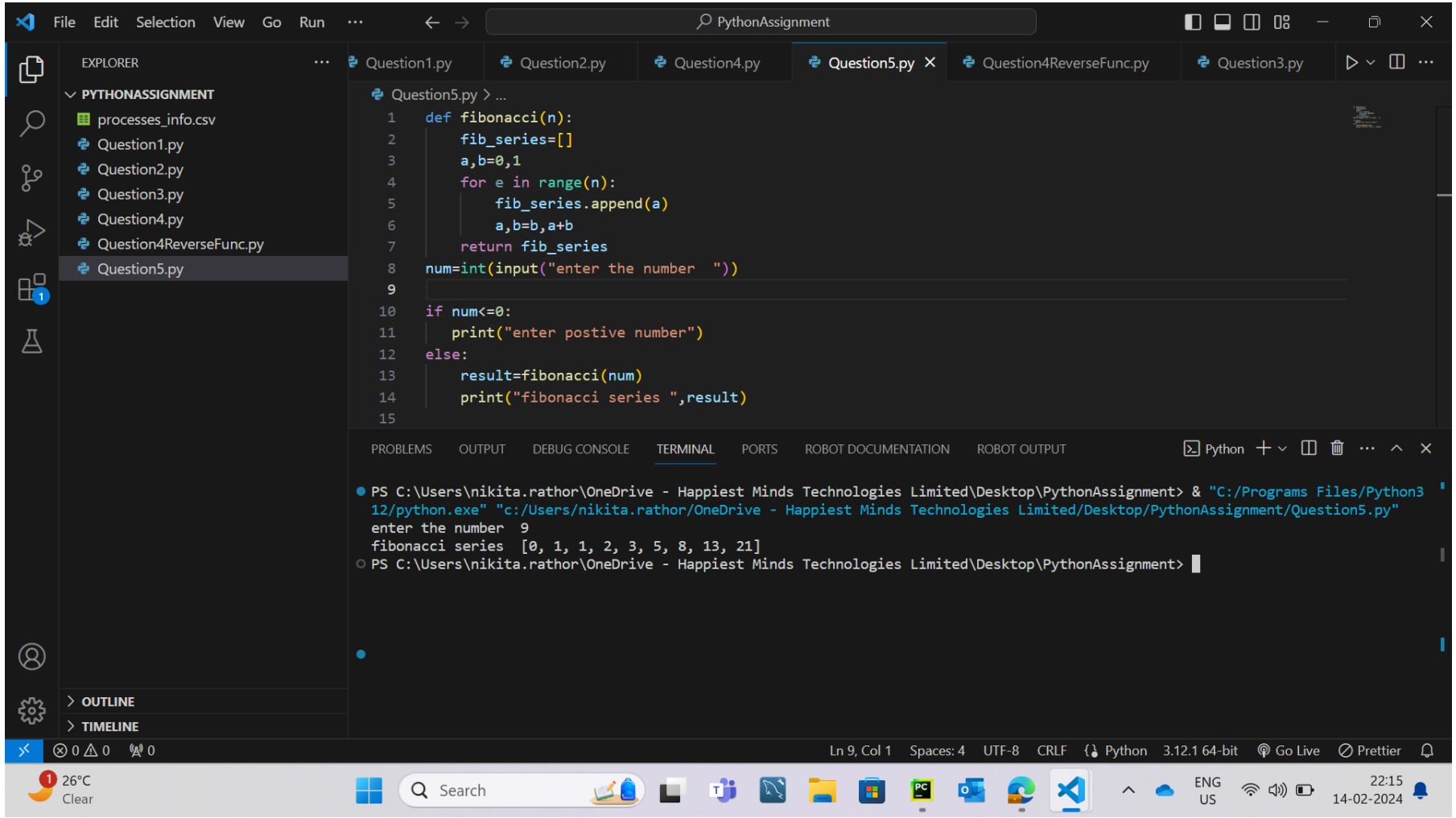
Question 4


File Edit Selection View Go Run
PythonAssignment
EXPLORER
PYTHONASSIGNMENT
processes_info.csv
Question1.py
Question2.py
Question3.py
Question4.py
Question4ReverseFunc.py
Question5.py
Question1.py
Question2.py
Question4.py
Question5.py
Question4ReverseFunc.py
Question3.py
Question4ReverseFunc.py > ...
1 input_String=input("enter any string ")
2 words = input_String.strip('"').split()
3 reversed_string = ' '.join(reversed(words))
4 result = f'"{reversed_string}"'
5 print(result)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ROBOT DOCUMENTATION ROBOT OUTPUT
Python
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment> & "C:/Programs Files/Python312/python.exe" "c:/Users/nikita.rathor/OneDrive - Happiest Minds Technologies Limited/Desktop/PythonAssignment/Question4ReverseFunc.py"
enter any string "My name is Suraj"
"Suraj is name My"
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment>
OUTLINE
TIMELINE
Ln 1, Col 38 Spaces: 4 UTF-8 CRLF Python 3.12.1 64-bit Go Live Prettier
26°C Clear
Search
ENG US
22:15 14-02-2024

Question 5


File Edit Selection View Go Run
PythonAssignment
EXPLORER
PYTHONASSIGNMENT
processes_info.csv
Question1.py
Question2.py
Question3.py
Question4.py
Question4ReverseFunc.py
Question5.py
Question1.py
Question2.py
Question4.py
Question5.py
Question4ReverseFunc.py
Question3.py
Question5.py > ...
1 def fibonacci(n):
2 fib_series=[]
3 a,b=0,1
4 for e in range(n):
5 fib_series.append(a)
6 a,b=b,a+b
7 return fib_series
8 num=int(input("enter the number "))
9
10 if num<=0:
11 print("enter postive number")
12 else:
13 result=fibonacci(num)
14 print("fibonacci series ",result)
15
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ROBOT DOCUMENTATION ROBOT OUTPUT
Python
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment> & "C:/Programs Files/Python312/python.exe" "c:/Users/nikita.rathor/OneDrive - Happiest Minds Technologies Limited/Desktop/PythonAssignment/Question5.py"
enter the number 9
fibonacci series [0, 1, 1, 2, 3, 5, 8, 13, 21]
PS C:\Users\nikita.rathor\OneDrive - Happiest Minds Technologies Limited\Desktop\PythonAssignment>
OUTLINE
TIMELINE
Ln 9, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.1 64-bit Go Live Prettier
26°C Clear
Search
ENG US
22:15 14-02-2024