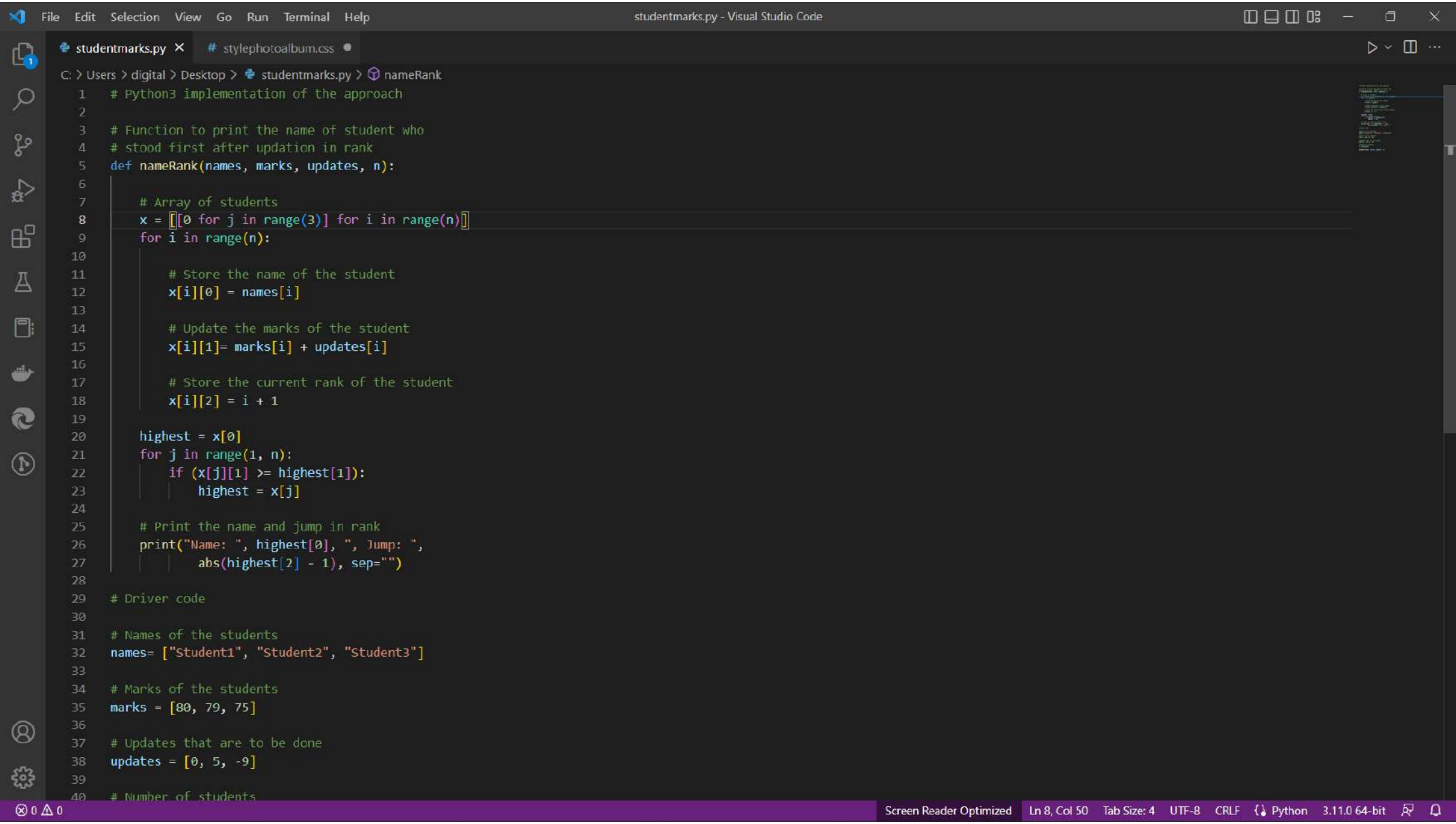
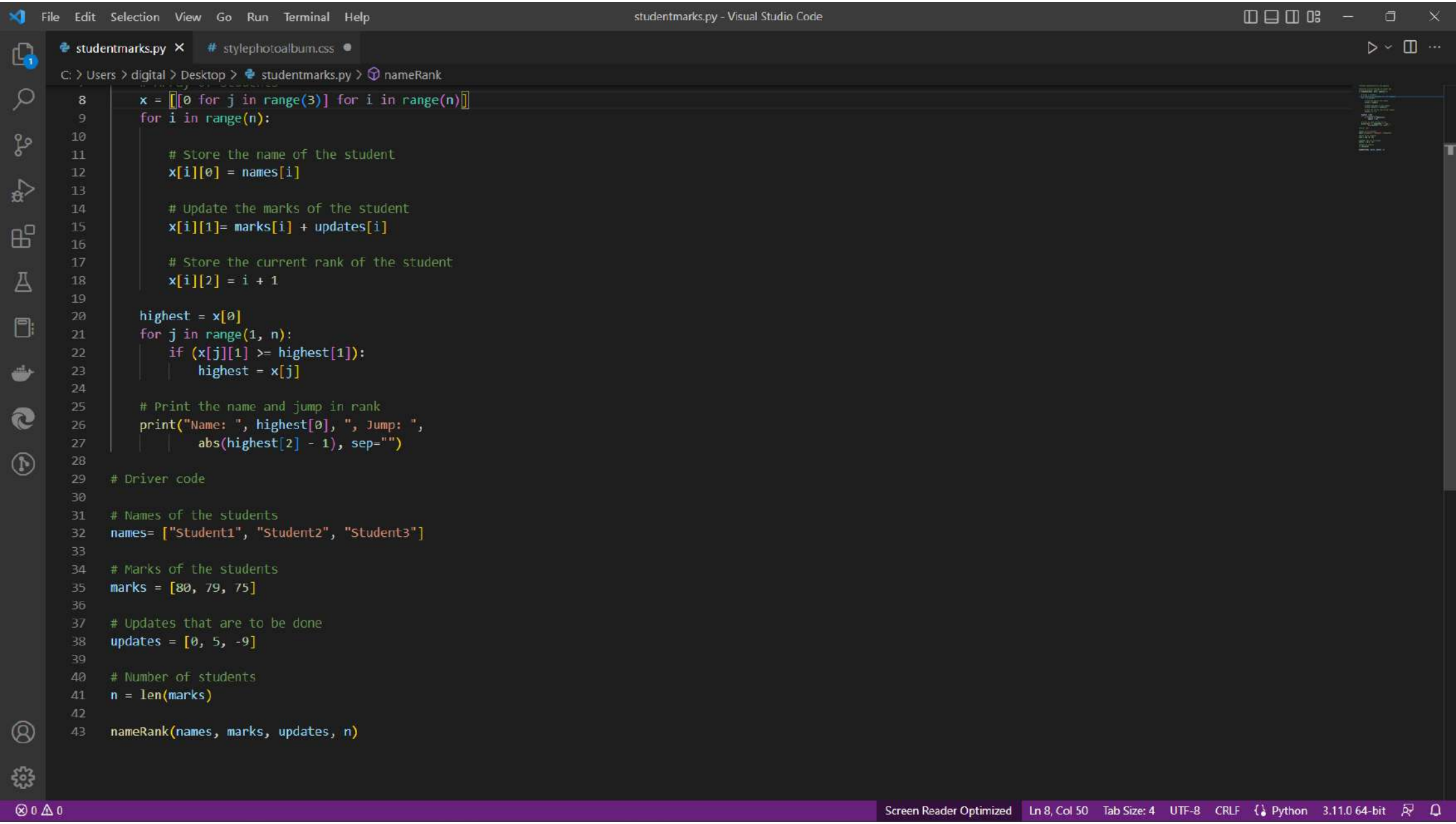

File Edit Selection View Go Run Terminal Help
studentmarks.py - Visual Studio Code
studentmarks.py
stylephotoalbum.css
C: > Users > digital > Desktop > studentmarks.py > nameRank
# Python3 implementation of the approach
# Function to print the name of student who
# stood first after updation in rank
def nameRank(names, marks, updates, n):
# Array of students
x = [[0 for j in range(3)] for i in range(n)]
for i in range(n):
# Store the name of the student
x[i][0] = names[i]
# Update the marks of the student
x[i][1]= marks[i] + updates[i]
# Store the current rank of the student
x[i][2] = i + 1
highest = x[0]
for j in range(1, n):
if (x[j][1] >= highest[1]):
highest = x[j]
# Print the name and jump in rank
print("Name: ", highest[0], ", Jump: ",
abs(highest[2] - 1), sep="")
# Driver code
# Names of the students
names= ["Student1", "Student2", "Student3"]
# Marks of the students
marks = [80, 79, 75]
# Updates that are to be done
updates = [0, 5, -9]
# Number of students
0 0
Screen Reader Optimized
Ln 8, Col 50
Tab Size: 4
UTF-8
CRLF
Python
3.11.0 64-bit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Screen Reader Optimized
Ln 8, Col 50
Tab Size: 4
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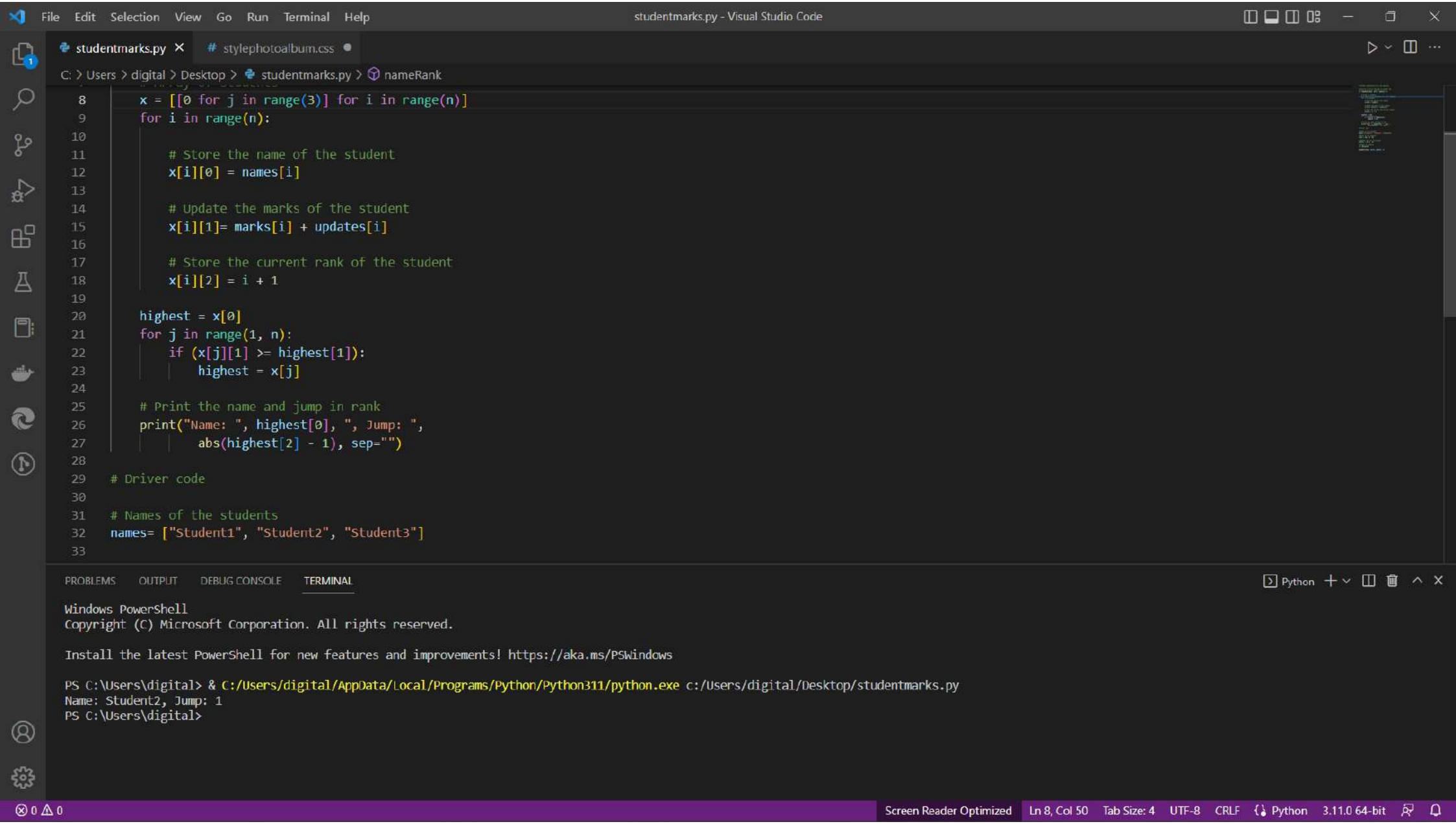
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
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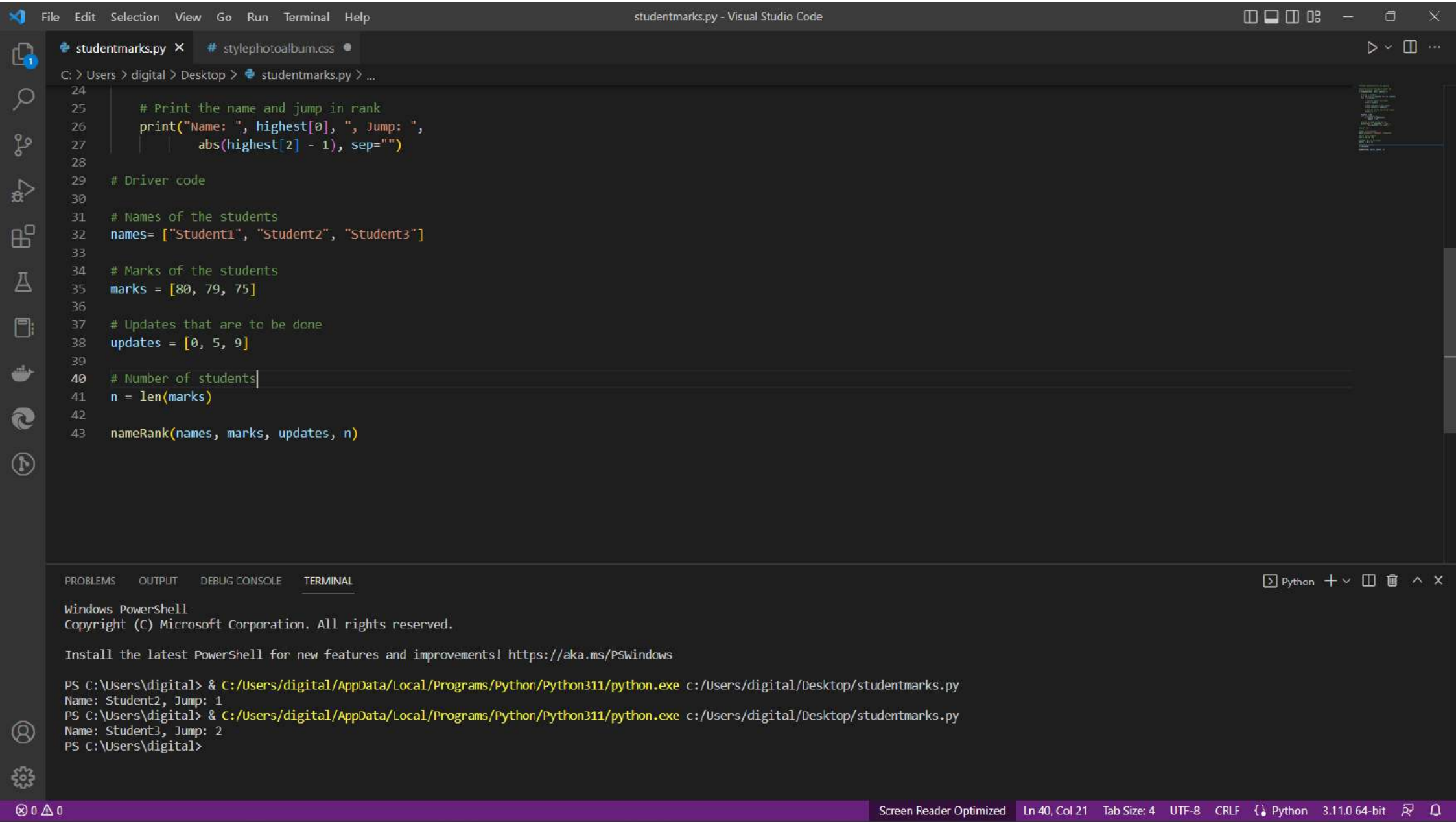
PS C:\Users\digital> & C:/Users/digital/AppData/Local/Programs/Python/Python311/python.exe c:/Users/digital/Desktop/studentmarks.py
Name: Student2, Jump: 1
PS C:\Users\digital>
0 0
Screen Reader Optimized
Ln 8, Col 50
Tab Size: 4
UTF-8
CRLF
Python
3.11.0 64-bit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C: > Users > digital > Desktop > studentmarks.py > ...
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python
Windows PowerShell
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PS C:\Users\digital> & C:/Users/digital/AppData/Local/Programs/Python/Python311/python.exe c:/Users/digital/Desktop/studentmarks.py
Name: Student2, Jump: 1
PS C:\Users\digital> & C:/Users/digital/AppData/Local/Programs/Python/Python311/python.exe c:/Users/digital/Desktop/studentmarks.py
Name: Student3, Jump: 2
PS C:\Users\digital>
0 0
Screen Reader Optimized
Ln 40, Col 21
Tab Size: 4
UTF-8
CRLF
Python
3.11.0 64-bit