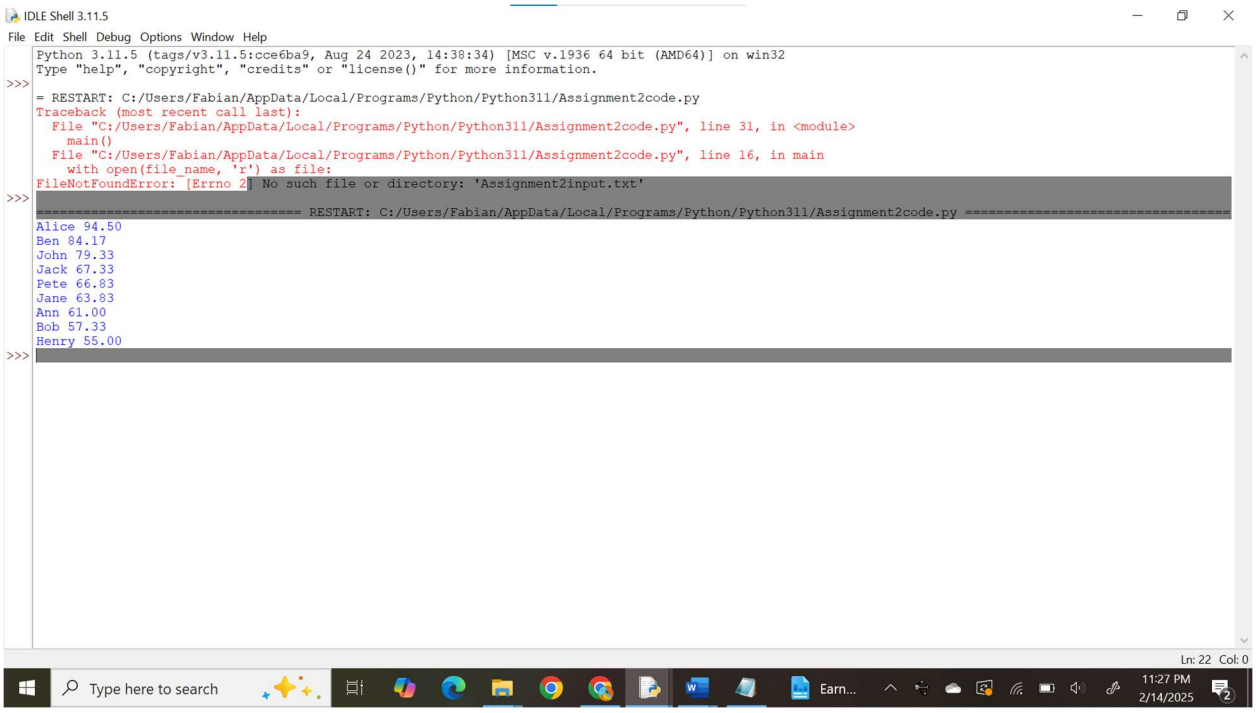
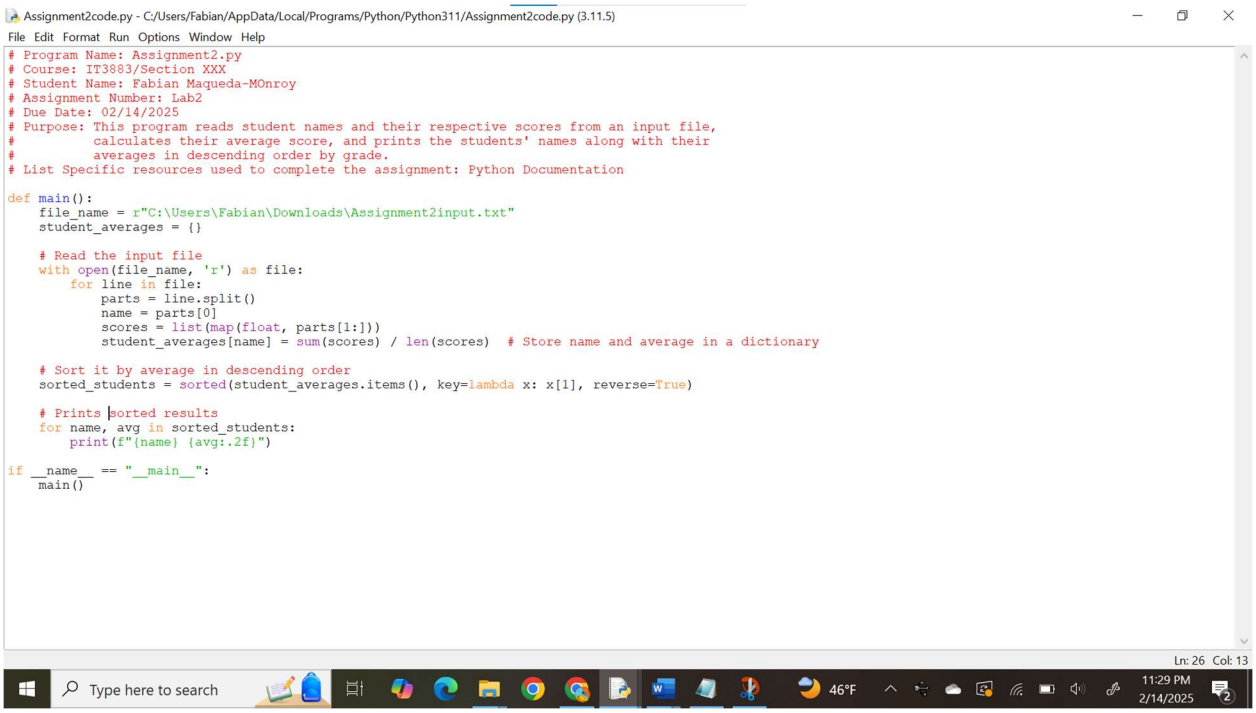

IDLE Shell 3.11.5
File Edit Shell Debug Options Window Help
Python 3.11.5 (tags/v3.11.5:cce6ba9, Aug 24 2023, 14:38:34) [MSC v.1936 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/Fabian/AppData/Local/Programs/Python/Python311/Assignment2code.py
Traceback (most recent call last):
File "C:/Users/Fabian/AppData/Local/Programs/Python/Python311/Assignment2code.py", line 31, in <module>
main()
File "C:/Users/Fabian/AppData/Local/Programs/Python/Python311/Assignment2code.py", line 16, in main
with open(file_name, 'r') as file:
FileNotFoundError: [Errno 2] No such file or directory: 'Assignment2input.txt'
>>>
========== RESTART: C:/Users/Fabian/AppData/Local/Programs/Python/Python311/Assignment2code.py ==========
Alice 94.50
Ben 84.17
John 79.33
Jack 67.33
Pete 66.83
Jane 63.83
Ann 61.00
Bob 57.33
Henry 55.00
>>>
Ln: 22 Col: 0
Type here to search
Earn...
11:27 PM
2/14/2025


Assignment2code.py - C:/Users/Fabian/AppData/Local/Programs/Python/Python311/Assignment2code.py (3.11.5)
File Edit Format Run Options Window Help
# Program Name: Assignment2.py
# Course: IT3883/Section XXX
# Student Name: Fabian Maqueda-MOnroy
# Assignment Number: Lab2
# Due Date: 02/14/2025
# Purpose: This program reads student names and their respective scores from an input file,
# calculates their average score, and prints the students' names along with their
# averages in descending order by grade.
# List Specific resources used to complete the assignment: Python Documentation
def main():
file_name = r"C:\Users\Fabian\Downloads\Assignment2input.txt"
student_averages = {}
# Read the input file
with open(file_name, 'r') as file:
for line in file:
parts = line.split()
name = parts[0]
scores = list(map(float, parts[1:]))
student_averages[name] = sum(scores) / len(scores) # Store name and average in a dictionary
# Sort it by average in descending order
sorted_students = sorted(student_averages.items(), key=lambda x: x[1], reverse=True)
# Prints sorted results
for name, avg in sorted_students:
print(f"{name} {avg:.2f}")
if __name__ == "__main__":
main()
Ln: 26 Col: 13
Type here to search
46°F
11:29 PM
2/14/2025