Katie Hilliard

Module 8.2 Assignment – JSON Practice

Flowchart:

A screenshot of a computer program

Description automatically generated

Results:

A screenshot of a computer

Description automatically generated

# Katie Hilliard, 12/4/2024, Module 8.2 Assignment

import json

file\_path = r'C:\csd\CSD-325\module-8\student.JSON'

# Define function to print the student list

def print\_students(student\_list, message):

    print(f"\n{message}")

    for student in student\_list:

        print(f"{student['F\_Name']} , {student['L\_Name']} : ID = {student['Student\_ID']} , Email = {student['Email']}")

# Load JSON file into Python list

with open(file\_path, 'r') as file:

    students = json.load(file)

# Print original student list

print\_students(students, "This is the original Student List:")

# Append new student data

new\_student = {

    "F\_Name": "Katie",

    "L\_Name": "Hilliard",

    "Student\_ID": 242424,

    "Email": "katiejaye14@gmail.com"

}

students.append(new\_student)

# Print the updated student list

print\_students(students, "This is the updated Student List:")

# Write updated list back to JSON file

with open('student.json', 'w') as file:

    json.dump(students, file, indent=4)

print("\nThe student.json file has been updated.")