# Module 8 Assignment - JSON Practice

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Course: CSD-325

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## Flowchart

START  
 ↓  
Load student.json using json.load()  
 ↓  
Display: "Original Student List"  
 ↓  
Call print\_students() function to loop and print:  
 Last, First : ID = #####, Email = address  
 (for each student)  
 ↓  
Append new student dictionary (your info) to list  
 ↓  
Display: "Updated Student List"  
 ↓  
Call print\_students() again  
 ↓  
Use json.dump() to write updated list back to student.json  
 ↓  
Display: "student.json file updated successfully!"  
 ↓  
END

## Screenshots

Insert screenshot of program output here:  
  
A screenshot of a computer

AI-generated content may be incorrect.

Insert screenshot of JSON file update notification here:  
  
A screenshot of a computer

AI-generated content may be incorrect.

## Updated student.json Content

Paste updated JSON file contents below:  
  
import json  
from pathlib import Path  
  
def print\_students(student\_list):  
 for s in student\_list:  
 print(f"{s['L\_Name']}, {s['F\_Name']} : ID = {s['Student\_ID']} , Email = {s['Email']}")  
  
def main():  
 data\_path = Path(\_\_file\_\_).parent / "student.json"  
 with data\_path.open("r") as f:  
 students = json.load(f)  
  
 print("\nOriginal Student List:\n")  
 print\_students(students)  
  
 new\_student = {  
 "F\_Name": "Aaron",  
 "L\_Name": "Provins",  
 "Student\_ID": 21420314,  
 "Email": "aaprovins@my365.bellevue.edu"  
 }  
 students.append(new\_student)  
  
 print("\nUpdated Student List:\n")  
 print\_students(students)