This program is a Student Grade Tracker that allows a user to manage and search for student grades.

It reads a list of students and their grades from a file student.txt, displays them, allows the user to search for a student by name using binary search, adds new students, and then saves the updated list back to the file.

Concept used: Data types and sizes, File I/O, Pointers, Arrays, Binary Search Algorithm, Strings, Dynamic Memory and 2 classes

A challenge I faced was getting the program to compile correctly, at first when I opened it caused linker errors and I had to fix it, it was because it was split across multiple files and it was quite a task for a newcomer to C++ like me. I solve it by creating a custom tasks.json file to compile everything together

