CS 250 Spring 2019   Struct, Arrays, Files, Function Design

For this Lab, you need to design and implement a program that will read student names and quiz grades from a file (**quiz.txt**), display all of the information you have read, and then search the grades based on a last name given by the user via the keyboard.

An example file is shown below.

```
Doug Ryan 10
Shereen Khoja 9
Chadd Williams 6
Chris Lane 11
```

Each line of the file contains the first name, last name, and grade. First and last name are each strings and contain no spaces. Grade is an integer. Each piece of data is separated by a space. The file will be at most 25 lines.

- You must define a struct to store one student's information.

- main() must contain an array of structs

- You must define the functions used to solve this problem.

Remember, you want each function to be small, perform one task, and be flexible to use.

Before you begin writing code, show your struct and function prototypes to the instructor for approval.

Example Output:

```
All Students
------------
Doug Ryan 10
Shereen Khoja 9
Chadd Williams 6
Chris Lane 11
------------

Which student do you want to print? Khoja

One Student
-----------
Shereen Khoja 9
-----------
```

Notes:

Build a project **Lab_01_QuizGrades** in a solution called **CS250S19**