

## Lab #10

### Summer 2024

### Requirements

In this lab, you are given a *completed* binary search implementation, which has **at least one error**. Recall the presentation given in class concerning IDEs and debugging. Your task for this lab will be to debug the given program using any tool you wish (even just loading things with `printf` if you prefer). However, you are encouraged to use a debugging tool from an IDE.

### Rubric: 5 points

1. Find and correct all the errors in the program so that it successfully compiles and functions as expected  
\* 5 points

### Submission Information

Submit your `lab10.c` by using the `mucsmake` command.

Use the following submit command on Hellbender:

```
mucsmake <course> <assignment> <filename>
```

For example:

```
mucsmake 2050 lab10 lab10.c
```

### Notice:

1. All of your lab submissions **must** include documentation in the form of code comments to receive full points. In addition, your program is expected to have a **comment header** at the top that includes your name, pawprint, the course you are taking, and the lab that you solved.
2. All of your lab submissions must compile under GCC using the `-Wall` and `-Werror` flags to be considered for a grade. These flags will automatically be applied if you use the `compile` command.