

This is my own work as defined in the Academic Ethics agreement I have signed.

# Advanced Programming H

## Exercise 1 Report

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The “mentry.c” and “mlist.c” files that I have submitted for this assignment compile and link with “finddupl.c” without any errors or warnings.

The command I use for this is:

```
“gcc -W -Wall -o prog mentry.c mlist.c finddupl.c”
```

The dynamic hash table produced can then be executed without any errors.

When tested with “S.txt”, the output produced is identical to the one in “S.out”.

I also tested it with a much larger file of 1000000 entries and it seems to be working well.

There are no errors or memory leaks spotted by Valgrind either.

I use the following commands to run my executable “prog” alone and with Valgrind:

```
“./prog < S.txt”
```

```
“valgrind ./prog < S.txt”
```