## 5: Use AI tools for coding

### Tool + Rationale

I choose to use ChatGPT because it is platform I am most familiar with and I wanted to see how well it could help on a coding problem.

### Prompt + Code

The prompt I gave ChatGPT was simple: (Link)

```
Can you create a C program of a linked list implementing
the following functions:
void insertAtBeginning ( struct Linkedlist * LL , char ele []);
void insertAtTheEnd ( struct Linkedlist * LL , char ele []);
void deleteNode ( struct Linkedlist * LL , char ele []);
int findNode ( struct Linkedlist LL , char ele []);
void displayLinkedList ( struct Linkedlist LL );
```

The code that it produced can be found in **lab2p5-1.c**

### Compiling + Errors

The solution provided by ChatGPT above, provided a sufficient and error free solution without any needing any editing.

I substituted the main function they provided with my main function in part 4 and the only thing that needed to change was some parameters I passed in. This can be found in **lab2p5-2.c**. Otherwise, the linked list implementation that was provided worked perfectly with my main code from part 4.