Points to remember:

**NULL pointer:**

The final node in the linked list does not point to a next node,

If link does not point to a node, is value is set to NULL.

**Empty LIST:**

When the list is empty, both head and tail pointers are NULL,

When creating a new linked list, it starts out empty (both tail and head pointers are NULL).

**Pointer BUGS:**

when attempting to dereference a pointer via \*p or p-> when p=NULL.

Attempting to dereference a pointer via \*p or p-> when p is not properly initialized.

These errors does not cause syntax error but segmentation fault or address protection violation.