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Take Home: Quize 3 (15 pts) - More with Lists

1. **(5 pts) What is a list data structure? Explain.**

It's a sequence of nodes that can be accessed sequentially, and can grow and shrink on its size when add a new information into it.

2. **(5 pts) What is a memory leak? Explain with an example related to linked lists.**

A memory leak is that you're no longer to get accessed to a memory space that has been allocated.

3. **(5 pts) What is a dangling pointer? Explain with an example related to linked lists.**

A dangling pointer is a pointer points to a memory space that was freed.