

Reflection Week 10

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1. Why do we need to set limits on the length in `strncpy` and `strncmp`?

Because if there is no limit or buffer than someone can just override the memory on the code and execute it

2. What can happen if you use malloc without ever using free?

The code memory would fill up, causing the code not to run properly. Malloc allocates the memory, while free deallocates it. In tandem they manage the memory.

3. What do you think is more difficult in C - using strings with the given commands or managing memory with malloc and free? Why?

Managing the memory is easier simply because it is the most recent thing we have learned.

4. Does the `strings.c` program have any limitations if the input was to change? What are they?

It only takes in character values, no number values and it has a limit to how much it can take in.