30-Day C Language Learning Plan

yay 18: Dynamic Memory Allocation

- 1. Malloc and free demo
- 2. Array using malloc

3) why is it a demo?

y used malloc to allocate

space for one integer.

y stores a value (100) in that

memory.

y prints it to show it-

Notes:

MALLIOC = memory allocation, to release memory back to the system

Gasks the computer for a chunk of memory from the heap, while the program is running.

Is tell malloc how many bytes you want, and it gives you a pointer to that memory.

for enough memory bo Store one int.

2 what is FREE?

I free gires back that memory to the hear when done using it.

I if you don't free memory, you cause a memory leak.