Global variables are stored in the .data section (gfoo)

stack is temporary

dfoo – movl $ first after malloc check if on heap

p/x $eax

layout asm

p/x $esp + (hexvalue) to get address of lfoo esp = stack pointer

p/x \*(unsigned int \*)(address) = value in address

bss – uninitialized memory

int main(int argc, char \* argv[])

^ arguments in main for a c program

Gcc hw.c -o hw.exe -std=c89