Objectives for 8/30/2017 (Wed)

- Memory addresses
- Memory layout (brief intro)
Uses of *

4*4 multiplication

int * a_n = ... declare variable as address of an int

int n = *a_n access value at an address

*a_n = 16 store a value at an address in memory

*a_n = 200 (address)
* Note: type and name are not actually stored in memory. They are listed here only for our understanding.

Assume sizeof(int) = 4, sizeof(char) = 1, and sizeof(void*) = 8. The program is "foo".

ECE 26400, Advanced C Programming, Prof. Alexander J. Quinn
```c
char s[3] = "Yo";
char *p = s[0];
printf("%c", *p);
```