

# Objectives for 9/15/2017 (Fri)

- Variadic functions
  - `va_list`, `va_start(...)`, `va_arg(...)`, `va_end(...)`
- Arrays and address arithmetic
  - `a[0]`  $\Leftrightarrow$  `*a`
  - `a[3]`  $\Leftrightarrow$  `*(a + 3)`

# Variadic fns

```
printf(" %d is my %d %s",
va_arg(more args, int) favorite number, \n",
" ( 55, 55, "th");
" ( int, char*)
```

Calling va\_arg too many times  
 → CRASH (probably)

bash:  
 \$ man va\_arg

man → vim → K (while cursor over word)  
 ↙ to exit

variadic fns

9-15-2017