

C Review Recitation Handout

Monday, Oct 4

Activity 0: Reading man pages

- Either type `man getopt` on your Terminal or Google “man getopt”.
- `int getopt(int argc, char * const argv[], const char *optstring);`

What does `getopt` do?

Describe the parameters that `getopt` takes:

- `int argc`:
- `char * const argv[]`:
- `const char *optstring`:

What does `getopt` return?

Other specifications about `getopt`:

Note: use this template to understand other C functions/man pages as well!

Activity 1: `getopt_example.c`

In this first activity, we have given you a file called `getopt_example.c`. Your task is to figure out what this program does!

What does `getopt_example.c` do?

How do you get the program to process arguments (i.e. formatting specifics?)

What does the `-v` argument do? The `-n` argument?

Commands

To compile all files, type:

```
$ make clean
```

```
$ make
```

To compile just the example, type:

```
$ make getopt_example
```