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Overview

This is a short program that only has the job of printing out a single character, forever. This program is effectively the same as the program that's called `yes` (see `man yes`), but it's easier for us to see the insides of the program if we have the source code.

This program also demonstrates using `getopt`, though you can find more examples of using `getopt` in the manual page (`man 3 getopt`).



You can find the source code for the real `yes` program [on GitHub](#).

Building and running

You can build this program using `make`:

```
make
```

You can run this program on the command line. The program takes an option (`-c`) telling it which character to print out (forever). For example, this will print out the letter 'A' forever:

```
./print -c A
```

Pausing and ending the program

We'll talk about this in class, but for completeness:

- You must terminate this process by pressing `Ctrl+C` on your keyboard.
- You can pause this process by pressing `Ctrl+Z` on your keyboard.
- You can “put this process in the background” (restart the process, but you can still type commands into the shell) by entering the command `bg`.
- You can “bring this process to the foreground” (give control back to the process) by entering the command `fg` *only if* the process was running in the background.