The command line prompt

```
$ echo hello world!
hello world!
$ echo a     b
a b
$ date
Fri 21 Feb 2020 01:04:36 PM EET
$ date  # This is a comment
Fri 21 Feb 2020 01:04:38 PM EET
$
```

Editing

```
$ touch a-file
$ touch a-file-with-a-longer-name
$ ls
a-file  a-file-with-a-longer-name
$
```

Enter long file names

```
$ touch really-long-file-name
$ ls
really-long-file-name
$ touch really-long-file-name
$
```

Interrupt execution

```
$ sleep 60 # Wait for 60 seconds
^C
$
```

Command options

```
$ touch a
$ touch b
$ ls
a  b
$ ls -l # Specify option to list files in long format
total 0
-rw-r--r-- 1 dds None 0 Dec  7 10:33 a
-rw-r--r-- 1 dds None 0 Dec  7 10:33 b
$ ls -r # Specify option to list files in reverse order
b  a
$ ls --reverse # Same option in long format
b  a
$ ls -l -r # Specify two short options
total 0
-rw-r--r-- 1 dds None 0 Dec  6 10:33 b
-rw-r--r-- 1 dds None 0 Dec  6 10:33 a
$ ls -lr # Combine two short options
total 0
-rw-r--r-- 1 dds None 0 Dec  6 10:33 b
-rw-r--r-- 1 dds None 0 Dec  6 10:33 a
$ touch -t 200408132045 olympic-opening # Specify short option with argument
$ touch --date=2004-08-13T20:45 olympic-opening # Long option with argument
$ ls -l
-rw-r--r-- 1 dds None 0 Aug 13  2004 olympic-opening
$
```

Get help

```
$ man ls
LS(1)                           User Commands                           LS(1)

NAME
       ls - list directory contents

SYNOPSIS
       ls [OPTION]... [FILE]...

DESCRIPTION
       List  information  about  the FILEs (the current directory by default).
       Sort entries alphabetically if none of -cftuvSUX nor --sort  is  speci?
       fied.

       Mandatory  arguments  to  long  options are mandatory for short options
       too.

       -a, --all
              do not ignore entries starting with .

       -A, --almost-all
              do not list implied . and ..

       --author
 Manual page ls(1) line 1 (press h for help or q to quit)
$
```

Built-in help

```
$ sleep --help
Usage: sleep NUMBER[SUFFIX]...
  or:  sleep OPTION
Pause for NUMBER seconds.  SUFFIX may be 's' for seconds (the default),
'm' for minutes, 'h' for hours or 'd' for days.  Unlike most implementations
that require NUMBER be an integer, here NUMBER may be an arbitrary floating
point number.  Given two or more arguments, pause for the amount of time
specified by the sum of their values.

      --help     display this help and exit
      --version  output version information and exit

GNU coreutils online help: <http://www.gnu.org/software/coreutils/>
Full documentation at: <http://www.gnu.org/software/coreutils/sleep>
or available locally via: info '(coreutils) sleep invocation'
$
```