Guide to BOOK Appendix C Examples:
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Soundfiles, Soundfile Formats and Libsndfile

These are the examples discussed in the text. The first example can be built without any extra libraries, as it uses the *stdio* library and its own header (in *wave.h*)

```
gcc –o example soundfile.c –I. –lm
```

The next example uses **libsndfile**. It can be downloaded from www.mega-nerd.com/libsndfile. Assuming its header (`sndfile.h`) is in `/usr/local/include` and the library file is in `/usr/local/lib` (the default install locations), we would build this example using **gcc** with the following command:

```
gcc -o aiff2wave aiff2wave.c -I/usr/local/include –L/usr/local/lib
    -lsndfile
```

To run these programs, just type the command name in the terminal, using "**.**/" to make sure you are running the programs you have just built (and not something else in your executable path), eg.:

```
./example
```