Sean Hinchee
Section G
Lab 9
4/25/18

I learned a decent amount about decoding and parsing filesystems in this lab and appreciate the intricacy of the encoding. The design that went into cramming as much information into as small of a memory/space profile as possible really shows the attempted efficiency and industriousness of FAT12's designers when they were forced to work within their means. As I designed certain portions of the lab, I found it rather unclear what exactly the decoding steps that were needed were as I solved each part of the output. For the name, the bits were in order left to right. For the time, the bits seemed to not be reversed. The bits for the size were reversed as were the bits for the attributes. Overall, I felt the lab was well done, but I wish there was more clarification on the format itself.

My output follows:

```
%  make; ./fat12ls image
gcc -o fat12ls  fat12ls.c
Filename    Attrib      Time        Date        Size (bytes)
16SEC .TXT  ---A  08:45:14    2031/5/13   331
1SEC .TXT   ---A  08:45:14    2031/5/13   331
2SEC .TXT   ---A  08:45:14    2031/5/13   332
4SEC .TXT   ---A  08:45:14    2031/5/13   331
8SEC .TXT   ---A  08:45:14    2031/5/13   331
BIG .LOG    ---A  12:05:20    2031/5/13   62559
(R)ead Only (H)idden (S)ystem (A)rchive
%
```