

Lab 8 - Report

Summary:

In this lab we understood the workings of the FAT-12 system. Using information provided we will decode the boot sector by hand and then write a program to do this automatically.

3.1

	Hex (Converted)	Decimal
Bytes/sector	0x0200	512
Sectors/cluster	0x10	16
Root directory entries	0x00E0	224
Sectors/FAT	0x0001	1

3.2

```
lightkun@lightkun:~/CPRE308/lab8$ gcc -o bsdump bsdump.c && ./bsdump image
      Name:      mkdosfs
    Bytes/Sector: 512
  Sectors/Cluster: 16
  Reserved Sectors: 1
    Number of FATs: 2
Root Directory entries: 224
    Logical sectors: 2880
  Medium descriptor: 0x00f0
    Sectors/FAT: 1
    Sectors/Track: 18
    Number of heads: 2
Number of Hidden Sectors: 0
```