

# CS 345 - Operating Systems

## Boot Sector

- BYTE jump[3] // Jump instruction
- BYTE SysName[8]
- WORD BytesPerSector
- BYTE SectorsPerCluster
- WORD ReservedSectors
- BYTE FATcount
- WORD MaxRootEntries
- WORD TotalSectors1
- BYTE MediaDescriptor
- WORD SectorsPerFAT
- WORD SectorsPerTrack
- WORD HeadCount
- DWORD HiddenSectors
- DWORD TotalSectors2
- BYTE DriveNumber
- BYTE Reserved1
- BYTE ExtBootSignature
- DWORD VolumeSerial
- BYTE VolumeLabel[11]
- BYTE Reserved2[8]

BYTE = 8 bits

WORD = 16 bits

DWORD = 32 bits