CENG 2034 Operating Systems

lab 6

https://github.com/caesarsalad/ceng2034_os_labs



System Boot

Basic Input/Output System BIOS executes MBR Master Boot Record **MBR** executes GRUB Grand Unified Bootloader **GRUB** executes Kernel thegeekstuff.com Kernel Kernel executes /sbin/init Init Init executes runlevel programs Runlevel programs are Runlevel executed from /etc/rc.d/rc*.d/

Reading MBR in Linux

Description	Length	thin sector	Offsets wi
	(in bytes)	Hex	Dec
Bootstrap Code Area	446	000 - 1BD	000 - 445
Partition Table	64	1BE - 1FD	446 - 509
Boot Record Signature	2	1FE - 1FF	510 - 511

dd if=/dev/hda of=mbr.bin bs=512 count=1 # od -xa mbr.bin