




# YOS MODULE 1 WEEK 1

## LINUX + BASH








### Videos:

1.  What is Linux used for? (5 mins)
2. [some installation guide WSL, dual-boot, VM...]
3.  Beginner's Guide To The Linux Terminal (40 mins)
4.  Write Your Own Bash Scripts for Automation [Tutorial] (15 mins)

### Text stuff : [ bi0s \_/\_ ]

1. Linux+/Python intro : [Getting Started - bi0s wiki](#)
2. Commands : [Linux Commands - bi0s wiki](#)
3. Bash Scripting : [Bash conditions and loops - bi0s wiki](#),  
[Bash Scripting Tutorial](#)
4. Stdin, Stderr, Stdout: [Files - bi0s wiki](#)

### CTF problem walkthroughs:

1. Very Basic (22 mins)
  -  BEGINNER Capture The Flag - PicoCTF 2021 001 "Obedient Cat"
2. find, scripting (5+5 mins)
  -  Capture the Flag: PicoCTF 2017 [10] Leaf of the Forest
  -  PicoCTF 2017 [11] Writing a GetFlag Script in BASH
3. nc,grep,cut,tr (10 mins)
  -  PicoCTF 2017 [12] WorldChat (GREP & cut)
4. bash for-loops (8 mins)
  -  PicoCTF 2017 [20] Bash Loop
5. files (stdin, stderr, stdout) (5 min)
  -  Piping Stdin & Redirecting Stderr | in out error [30] picoCTF 2018
6. symbolic links (8 mins)
  -  PicoCTF 2017 [21] Just No

### Practice:

[OverTheWire: Bandit](#)