* Introduction to shell scripting (Part 1) (lesson 15,
concepts and syntan of Bash
Scn'pting.
* Introduction.
Till now we execute manually one by one.
useradd tim Sudo apt docker groupadd devops docker run mkdir project
touch sile-tat
If we have consigured a server,
new user, installed app, istarted, sile permissions etc.
But now, we have to run the same command
in same order on different server
to consigure sit.
But now we can't configure the same commands
manually one by one because we have 10
server where we have to do enecute same thing.
Avoid repetitive work
Keep history of configuration
Share the unstructions.
Logic and Bulk operations.
- write the commands in a file
-> execute the file.
s'le is morable
Lile can shared with other teammater so
that they can enecute it on their server.
→ Such a file with shell commands is
caued shell script.
-> Shew script have a .sh file entension
what is a shell?
what is a Shell? Shell - The program that interpretes and

enecutes various commands that we type in the tominal - Translates our command that the as Kernel can understand - Different Shell implementations - sh(Bourne shell) - /bin/sh - used to be default shell - Bash (Bourne again shell) - /bin/bash - default shell program for most unin like system Shell vs sh vs Bash. - Shell and Bash terms are often used interchangable Bash scripting and commandos - Bash is a shell program (command interpreter) - Bash is a programming language * Shebang Con'te a bash script for configuring a server.

O touch setup. sh script. au shew script files have the same ·sh file entension How does OS know which shell to use 2 shebang | we need to tell the OS!

while #!/bin/sh #!/bin/bash #!/bin/25h

very first line of script. shebang vim setup. sh (pressi) 3. #!/bin/bash

* write and enecute a simple script. echo "Setup and consigure server" To enecute - · / setup. sh But we don't have permission first we need to set permission sudo chmod u+n setup.sh · / setup · sh bash setup.sh