**BASH SCRIPTING.**

WHAT IS BASH SCRIPTING

Bash(bourne again shell) is a command line shell used in Linux,MacOs and other unix-like systems. It’s a text file containing a series of commands that the bash shell executes sequentially. It is a way of automating tasks by writing commands in a file.

KEY CONCEPTS:

* Shebang: every bash scriot starts with #!/bin/bash to tell the system t use the bash interpreter.
* Commands: commands like cut(to extract field), last( to check for login history) and loops to process data.
* File Handling: read from system files like /etc/passwd to get user information.
* Variables: store data temporarily,eg., usernames or login times.
* Permissions: scripts need execute permisssions to run.(chmod +x scripts.sh)
* Echo: this prints a simple header for ease of readability. It indicates its not just a plain word.
* ./? : this indicates to the terminal to tun the script in the current folder or can sudo everythinG





