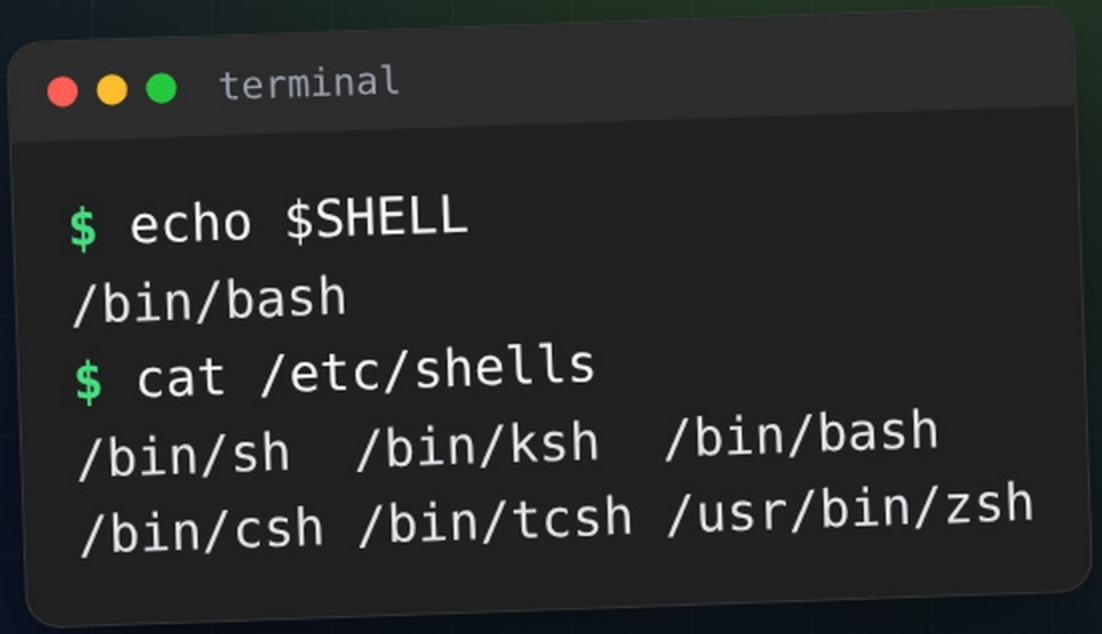
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SHELL SCRIPTING

sh to zsh · AWK



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CLIP 08

Free Shell Scripting Course: Bash, Zsh, AWK & More

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Every Major Shell

1. sh, ksh & bash
2. csh & tcsh
3. fish & zsh

terminal

```
$ echo $SHELL
/bin/bash
$ cat /etc/shells
/bin/sh  /bin/ksh  /bin/bash
/bin/csh /bin/tcsh /usr/bin/zsh
```

CLIP 08

Script Building Blocks

1. Variables & user input
2. if, case & loops
3. Functions & exit codes

terminal

```
#!/bin/bash
read -p "Name: " name
if [ -n "$name" ]; then
  echo "Hello, $name"
fi
```

CLIP 08

Power Tools: AWK & sed

1. AWK for columns & reports
2. sed for find & replace
3. Pipes join it all together

terminal

```
$ awk -F: '$3>=1000 {print $1}' /etc/passwd
$ sed -i 's/http:/https:/g' site.conf
```

CLIP 08

Real Automation

1. Scheduled backups with cron
2. Check disks & send alerts
3. Perl & Python as scripts grow

terminal

```
# m h dom mon dow  command
  0 2  *   *   *   /usr/local/bin/backup.sh
```

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