

Script – allows to record our session

echo hello

exit → **Very important do not forget**

cat typescript – shows the commands we executed in the script above

Script done on 2025-07-23 01:35:17-04:00 [COMMAND_EXIT_CODE="0"]

\$cat /etc/shells

[hadoop@fedora ~]\$ cat /etc/shells

/bin/sh

/bin/bash

/usr/bin/sh

/usr/bin/bash

/usr/bin/tmux

/bin/tmux

head and tail can read only text files, first or last few lines

\$head -n 10 textfile → name of the file

\$head -n 10 one.txt

\$tail -n 5 textfile

\$tail -n 5 history – wont work

tail -n 5 history

history | tail -n 5

[hadoop@fedora new]\$ tail -n 5 history

history | tail -n 5

tail: cannot open 'history' for reading: No such file or directory

969 head -n 10 two

970 head -n 10 two.txt

971 \$history | tail -n 5

972 tail -n 5 history

973 history | tail -n 5

since history is not a text file, the output given by history will be give as input to tail

append to existing file

appends to the script file, does not ov

script -a

create scripting file with our name

script sani

check which terminal we are working on

tty → tells the terminal number

stty → gives more information

ps → shows the processes

```
[hadoop@fedora new]$ ps
  PID TTY          TIME CMD
 27769 pts/0    00:00:00 bash
 35848 pts/0    00:00:00 ps
```

immediately shutdown system → **halt**

To clear screen – clear

sleep 4 → waits 4 secs and do other work

semicolon ; allows setof commands to run in a series

date; echo hi; who

```
[hadoop@fedora new]$ date; echo hi; who
```

```
Wed Jul 23 02:04:49 AM EDT 2025
```

```
hi
```

```
hadoop seat0    2025-07-23 00:19 (login screen)
```

```
hadoop tty2     2025-07-23 00:19 (tty2)
```

terminal is std output

date; cat; who

give input for cat, hello mello

ctrl d → to end input

tput

tput clear → clears the screen

tput cup 0 0 → takes cursor back to home 0,0, but cannot type there

tput cup 23 4 → takes to 23rd col and 4th row

tput civis → makes cursor invisible

tput cnorm → brings cursor back

tput bold → makes the next commands bold

tput sgr0 → goes back to normal

echo hi I am `tput bold` bold → prints everything after that command to bold

tput setaf – changes the color of the text

tput setaf 6 → changes the textcolor to green

tput setaf 0 → reset

REDIRECTION

cat >

cat >> filename → appends values

cat < filename

cat - filename → waits for input, give some text input and ctrl d
file will be shown

cat - < hello

At times say terminal goes mad, and you want to come back to normal

stty sane → puts terminal back to original normal

stty -echo → whatever we type wont be displayed

stty echo → without - , gives back the display