

OPERATING SYSTEM 1

Lecture 9

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TERMINAL SESSION RECORDING

Terminal Session Recording

- **script**
 - makes a typescript of everything displayed on your terminal.
- **Examples:**
 - script
 - script -a output.session
 - script -t 2> timing.log -a output.session
 - exit

Terminal Session Recording

- **scriptreplay**
 - play back typescripts, using timing information to ensure that output happens in the same rhythm as it originally appeared when the script was recorded.
- **Examples:**
 - `scriptreplay timing.log output.session`

Kill Command

- `kill $PID`
- `ps aux | grep libre`

Sync Files

```
#!/bin/bash
function sync
{
    arr1=$(ls $1)
    for item1 in ${arr1[@]}; do
        s1=$(find $2 -name $item1)
        if [[ $s1 = "" ]]; then
            cp $1/$item1 $2
        fi
    done
}
sync dir1 dir2
sync dir2 dir1
```

Is Directory Example

```
#!/bin/bash
```

```
PASSED=$1
```

```
if [ -d "$PASSED" ]; then  
    echo "$PASSED is a directory";  
else  
    if [ -f "$PASSED" ]; then  
        echo "$PASSED is a file";  
    else  
        echo "$PASSED is not valid";  
    fi  
fi
```

HW

Extend the last example to make sync all files, subfiles, folders and subfolders