

Linux Lab Unit 3

Errorcode, Shells scripting

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Create sheudle-Environment

- instead of execute the commands you could write them in a textfile and execute them once
- create a file `myScript.sh` in your home thats supposed to do
 - 1 Change to `/var/linuxLab/unit3`
 - 2 create a directory thats named with your username
 - 3 create folders 'monday' to 'tuesday'

find

- Every command you execute gives back an errorcode from 0-255
- if everything went alright it will be 0
- The other values are free to set
- You can get the EC to the variable

```
$ ls -l unit3.tex
```

```
-rw-r--r--  1 kniepbert  staff  1245 10 Aug 21:34 unit3.tex
```

```
$ echo $?
```

```
0
```

```
$ ls -l unitX.tex
```

```
ls: unitX.tex: No such file or directory
```

```
$ echo $?
```

```
1
```

better way to check

- To test in the filesystem there is a better way...
- You wouldn't get output, so it's easier to handle
- say hello to `test`

```
$ test -e unit3.tex
```

```
$ echo $?
```

```
0
```

```
$ test -e unit3.texs
```

```
$ echo $?
```

```
1
```

● S

- `x='whoami'`

better way to check

- it should look like:

```
if [ CONDITION ]  
    then  
        CONSEQUENCE  
    else  
        ALTERNATIVE  
fi
```