Spawning processes

1. Don't use os.system()
2. Don't use "import subprocess"
3. Use "import sh"

sh - like bash

Live demo

sh - like bash

```
import sh
sh.ls()
sh.ls('-l')
sh.grep()
sh.top('-l', 1)
sh.rsync()
```

String formating

1. Useful for building strings quickly from variables such as other strings or numbers

Simple

```
1
2  name = "Andrew"
3  strength = 8
4  agility = 5
5  intelligence = 7
6
7  pre_formatted  = "Character '%s' has %i strength and %i agility"
8  post_formatted = pre_formatted % (name, strength, agility)
9
10 print post_formatted
11
12
13
14
15
16
```

Float precision

```
1  x = 10.0 / 3.0
2
3  # Zero padding
4  print "%02i" % x
5  print "%03i" % x
6  print "%04i" % x
7
8  # At least 6 characters with 2 after the decimal point
9  import math
10 print "%06.2f" % math.pi
11
12 # At least 12 characters with 2 after the decimal point
13 print "%06.12f" % math.pi
14
15
16
```

Exercice

https://github.com/xapple/python_ebc_2016/tree/master/day_04/exercises/

> Need to open a file and use parsing
> Need to upload your solution to github
> Need to use Exceptions
> Need to spawn a process
> Need to write it in style
> Need to get an "os" parameter
> Need to use string formatting

15 minutes break