FIND TUTORIAL

1) finding files, directories, file contents. No additional installation needed.

2) find file someFile.txt in current directory:

```
#find `pwd` -name '*someFile*'
```

same find in whole computer:

```
#sudo find / -name '*someFile*'
```

3) find directory someDir in current directory:

```
#find `pwd` -type d -name '*someDir*'
```

4) find and delete file (find files first to see what you want to delete!):

```
#find `pwd` -name '*someFile*' -exec rm -rf {} \;
```

5) find files containing string „some" and does not containing „File" in current directory:

```
#find `pwd` -name '*some*' -and -not -name  '*File*'
```

6) find content in file searching directory path:

```
#grep -rnw '/path/to/somewhere/' -e "pattern"
            -r recursive
            -n line number
            -w whole word
```

7) find content in file type (ending with *.cpp and *.hpp) searching directory path:

```
#grep --include=\*.{cpp,hpp} -rnw '/path/to/somewhere/' -e "pattern"
```

8) find content in files recursively in directories and replace with string:

```
#find . -type f -exec sed -i 's/findThisString/ReplaceWithThisString/g' {} +
```

in case of file content is path string value prepend slash:

```
"/home/path/file/content" => "\/home\/path\/file\/content"
```