

Session 1 - File operation

September 5, 2018

1 Python Training: Day 3 Session 1

References:

- <https://www.w3schools.com/python/>
- <https://www.pythonforbeginners.com/files/>
- <https://stackoverflow.com/questions/3277503/in-python-how-do-i-read-a-file-line-by-line-into-a-list>

1.1 3.1 Opening and Reading File

```
In [ ]: file_handle = open("example_file.txt", "r")
```

```
In [ ]: print(file_handle.readlines())
```

```
In [ ]: file_handle.close()
```

```
In [ ]: # How to avoid MemoryError if dealing with a large file
```

```
    with open("example_file.txt", "r") as file_handle:
        for line in file_handle:
            print(line)
```

1.2 3.2 Writing File

```
In [ ]: with open("whatever.txt", "w") as fh:
        fh.write("I'm happy !")
```

1.2.1 Assignment 3.1.1

Add one arbitrary line to the existing file whatever.txt without removing the existing file content.