

Command Line Arguments

- Recall the `summariser.py` program from the lecture

```
inputFileName = input("Input file name: ")
```

```
outputFileName = input("Output file name: ")
```

...

- It will then run as follows:

```
python summariser.py
```

```
>>Input file name: file1.txt
```

```
>>Output file name: file2.txt
```

- We could make `summariser.py` run in command line tool style

```
python summariser.py file1.txt file2.txt
```

- It is shorter and **more professional**

Command Line Arguments (cont.)

- For that we do:

```
from sys import argv
```

#argv is a list containing supplied arguments as strings

e.g, if we run `python summariser.py file1.txt file2.txt`

`argv = ["summariser.py", "file1.txt", "file2.txt"]`

```
inputFileName = argv[1]
```

```
outputFileName = argv[2]
```

```
...
```

- Note: it can be used not just for file names

- `python multiplier.py 4 5`

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- `python myscript.py -version`

>> This script has version 3.0