

## Module 16 – More on File and String Processing: Activities

1. Create a new directory. Then change the file `normalgenerator.py` so that it creates 3 comma separated files: `file1.csv`, `file2.csv`, and `file3.csv`. In each file there are 10 rows. Each row has an entry of the form

```
10.25,10.36,10.31
```

```
12.91,9.85,14.09
```

where each number is generated with `random.gauss(10,10)`.

2. Create a function that reads all the files in this directory using `os.listdir()`. The program then calculates the mean of all the numbers for each file.
3. Create a function that opens up all `.csv` files in this directory and then changes them to `.txt` files. Each file contains the same numbers, but now separated by a single tab.