**Common Mistakes**

**Python File Handling & Classes Objects**

- Don’t have nested file openings in the same block of code. Consider using a better file mode or manipulate the file in a more streamline way – like opening the file in read and then after this opening the file in write mode.

**XXX WRONG** **with (open ‘file.txt’ mode=’r’ encoding=’utf-8’) as f:**

**XXX WRONG text = f.read()**

**XXX WRONG with (open ‘file.txt’ mode=’w’ encoding=’utf-8’) as f:**

**XXX WRONG f.write()**

- If you need to read and write on a file do not use ‘w+’ mode. This mode truncates the file which means it deletes the contents as soon as it is open. Instead use ‘r+’ mode where you can read the contents of the file and write.

**XXX WRONG** **with (open ‘file.txt’ mode=’w+’ encoding=’utf-8’) as f:**

**--- CORRECT with (open ‘file.txt’ mode=’r+’ encoding=’utf-8’) as f:**