5:W35: Managing Files on Steroids with Shell

1) Identify the names and format of the 3 biggest files. Can you come up with a command to generate a numerically ordered list of 3 biggest files? (hint: consider using wc to gauge image size)

Commands to find 3 largest file:
 1. wc -c * > filesizes.txt
 2. sort -n filesizes.txt | tail -n 4
-n orders files numerically

Result:
 14713856 9237_Overview_W.RW2
 14733312 9247_Overview_SW.RW2
 14761472 9240_Overview_S.RW2

2) Some of the image files are empty, a sign of corruption. Can you find the empty photo files (0 kb size) , count them, and generate a list of their filenames to make their later replacement easier?

Commands:
 1. find . -size 0 > corrupted_files.txt
 2. wc -l corrupted_files.txt

The number of corrupted files are 74 and the files are placed in the .txt file corrupted_files.txt

3) Optional/Advanced: Imagine you have a directory goodphotos/ (same password as above) with original non-zero-length files sitting at the same level as the current directory. How would you write a loop to replace the zero length files?