# CPSC 526 NETWORK SYSTEMS SECURITY

#7 – ASSIGNMENT #2 – USEFUL STUFF

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# SYS

- <a href="https://docs.python.org/3/library/sys.html">https://docs.python.org/3/library/sys.html</a>
  - System-specific parameters and functions
    - sys.argv list of command lines arguments passed to a Python scripts
      - argv[0] is the name of the script
    - sys.platform platform identifier
    - sys.exit() terminate python interpreter (if run from main thread) or raises an exception

### SHUTIL

- <a href="https://docs.python.org/3/library/shutil.html">https://docs.python.org/3/library/shutil.html</a>
  - High-level file operations
    - shutil.copyfile(src, dst) copy the contents of a file from src to dst
    - shutil.copy(src, dst) copy file or directory from src to dst
    - shutil.copy2(src, dst) same as copy but preserves metadata
    - shutil.copytree(src, dst) recursively copy an entire directory tree
    - shutil.rmtree(path) delete an entire directory tree
    - shutil.move(src, dst) move a file or directory

### OS

- https://docs.python.org/3/library/os.html
  - Operating System Inferaces
    - os.listdir(path) return a list of the names of the entries in the path directory
    - os.mkdir(path) create a directory named path
    - os.makedirs(name) recursive directory creation
    - os.remove(path) delete the file path
    - os.removedirs(name) remove directories recursively
    - os.rmdir(path) delete the directory path of an empty directory

## OS

- os.popen(cmd) calls an external command
- os.system(cmd) execute the cmd in a subshell

• os.curdir – gets the current directory