PATHLIB CHEAT SHEET

Description	Python Code
Importing the main class	**from pathlib import Path**
Get the home directory	home_dir = Path.home()
Get the path to the current working directory	cwd = Path.cwd()
Get the path to the current Python file (does not work in Jupyter Notebooks)	curr_file = Path(__file__)
Get the first parent folder path	one_above = Path.cwd().parent
Get the Nth parent folder path	mul_above = Path.cwd().parents[0]
Join paths	joined_path = cwd / 'Output' / 'FolderName'
Create a directory if it does not exist *exist_ok: to ignore 'FileExistsError' if the target directory already exists*	your_path.mkdir(exist_ok=True)
Check if the path is a folder (returns True/False)	example_path.is_dir()
Check if the path is a file (returns True/False)	example_file.is_file()
Get the file name (returns string)	file_name = example_file.name
Get the file name w/o extension (returns string)	file_name = example_file.stem
Get the file extension (returns string)	file_extension = example_file.suffix
Iterate over files in a directory	target_dir = cwd / "Sample Files" for file in target_dir.iterdir(): print(file)

Iterate over files in a directory combined with suffix:	target_dir = cwd / "Sample Files"
	for file in target_dir.iterdir():
	  if file.suffix == ".xlsx":
	  print(file)

Iterate over files in a directory incl. sub folder(s)	target_dir = cwd / "Sample Files" for file in target_dir.rglob("*"): print(file)