

creating and writing files

To write to a file from Python, we must carefully choose the "open mode" parameter.

```
open(file, mode)
```

Opening mode parameters:

- **"r"** - Read - Default. It allows reading but not writing, and throws an error if the file does not exist.
- **"a"** - Append - Opens the file to add lines after the last one that already exists in the file. Creates a file if it does not exist.
- **"w"** - Write - Opens or creates a file (if it doesn't already exist) in write mode, which means any previous content will be overwritten.
- **"x"** - Create - Creates a file, and throws an error if it already exists in the directory.

The `write()` method writes a text specified in the argument to the file. `writelines(list)` receives the text to be written as a list.