

## CoppyAbode Implementation:

- My implementation of the **CoppyAbode** Command begins in the **CopyToSubdir** function. This function converts the passed destination directory into one that is appropriate for the specifications given for the **CoppyAbode** command. It parses the destination and source directory strings and creates the appropriate subdirectory in the destination directory. Then it calls the **CopyDir** function, with the newly created subdirectory as the destination and the same source directory. The **CopyDir** function checks that all required elements exist and uses the **dirent** and **readdir** syscalls to read the files and folders in the destination directory. If an item is a subdirectory, it sets the appropriate source and destination directories and recursively calls the **CopyDir** function. If an item is a regular file, the file destination is set and the **CopyContents** function (which was used to implement the **Coppy** Command) is called.
- Relevant Functions:
  - **CopyContents** (copies regular files)
  - **CopyDir** (copies directories)
  - **CopyToSubdir** (creates the appropriate directories to copy into a subdirectory)