File Explorer using Tkinter in Python

In the following tutorial, we will learn how to build a GUI-based File Explorer with the help of the Tkinter, OS, and Shutil modules of the Python programming language. This project is suitable for beginners, and all we need is some brief knowledge associated with all the libraries. We will get to apply them in real life with this project.

So, let's get begun.

What is a File Explorer?

A File Explorer or File Manager is an application that allows users to manage files and folders on the device. File manager applications allow the users to view, edit, copy, delete, or move files and folders. The users can also manage files and folders on the attached disks as well as networked storage.

Project Prerequisites

In order to start building the GUI-based File Explorer project in Python, we will require the following libraries.

1. **Tkinter -** This library will allow us to create the GUI window.
2. **OS -** This library will allow us to perform different operations on a file and its path.
3. **Shutil -** This library will allow us to copy or move a file.