Notepad Application Using Python

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Abstract: *They are one of the fundamental software programs used to create, edit, and manage text-based files in a computer. These applications are commonly used by students, programmers, writers and professionals to write notes, edit source codes and write simple documentation. In this research paper, a Notepad application in Python using Tkinter library has been designed and developed. In this project, our goal is to develop a lightweight and simple Enhanced Text Editor with only the most popular text editing features which are present in basic Notepad applications. It enables users to make new text documents, access existing ones, edit and save the changes. The graph is created using the Tkinter framework that allows building interactive windows, different menus and text areas. Basic editing features like cut, copy paste and a few text manipulation options are also part of the system so a user can efficiently use the tool for their desired purpose. Python was chosen due to its high readability, simplicity and vast number of libraries that help in developing applications quickly. This implementation is a boilerplate explanation on how to build simple desktop apps with graphical interface using python. The Notepad application we developed is user-friendly, lightweight and capable of doing simple text editing operations. The project can also assist novices in learning about basic programming principles such as GUI designing, event handling, file management when coding on python. .*

Keywords: Python, Tkinter, Text Editor, Notepad Application, GUI Development, File Handling, Desktop Application