Title: Text Editor

- **Team Members:**
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- **Objective:**

    This project aims to create a user-friendly notepad application in Python, utilizing the stack data structure for undo functionalities. The objectives include developing an intuitive interface, implementing undo operations with the stack, ensuring reliability through testing, and showcasing the practical application of data structures in software development.

- **Idea of Project:**

    This project involves developing a notepad application in Python, focusing on leveraging the stack data structure for core functionalities. The application will enable users to input, edit, and save text files, with a key feature being the implementation of undo operations using the stack's Last-In-First-Out (LIFO) behavior. The user interface, built with libraries like Tkinter, will prioritize simplicity and functionality. Through rigorous testing and potential feature expansions, the project aims to showcase the practical application of data structures in software development while providing users with an intuitive text editing experience.

- **Outputs:**

1. **Sample File:**

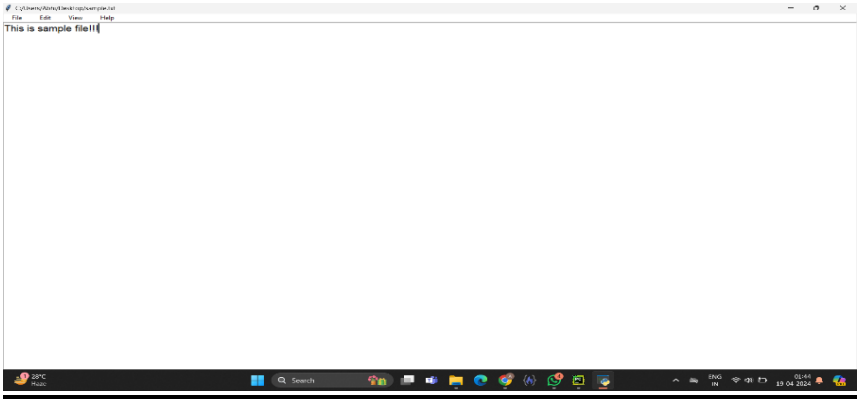

Fig a Sample File Creation and writing in file

2. **Dark Mode:**

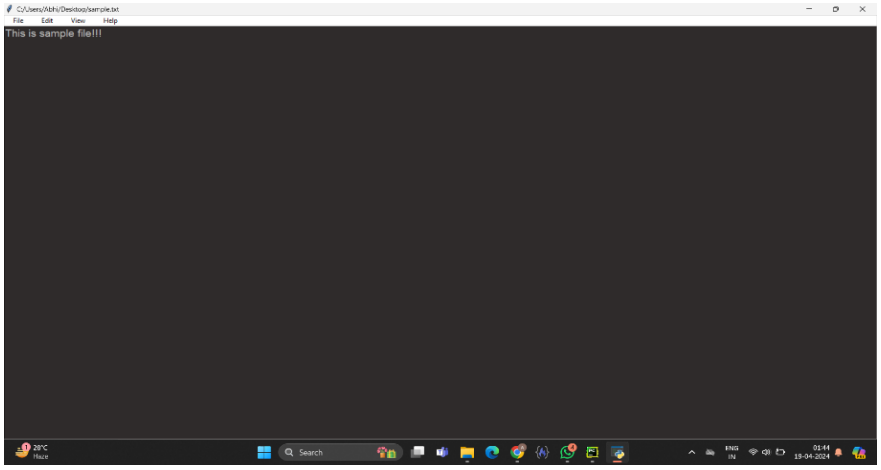

Fig b. Dark Mode

3. **Undo/Redo Functions:**

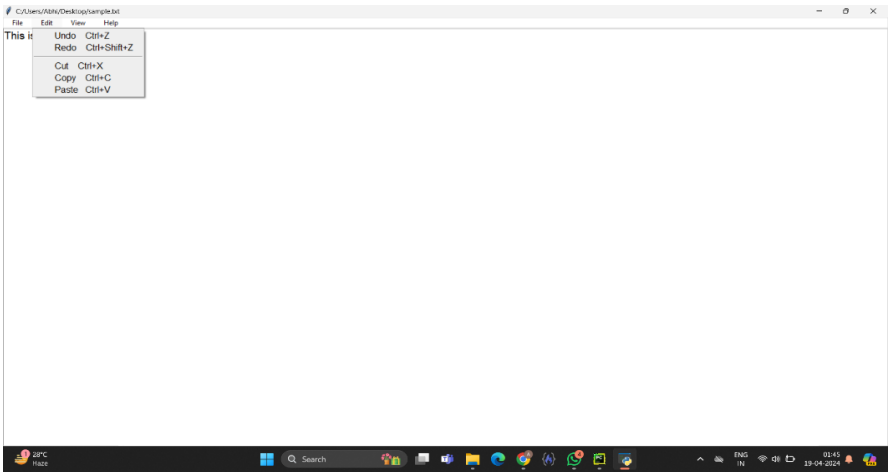

Fig c. Edit Options