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import tkinter as tk

from tkinter import filedialog

**class** TextEditorApp:

**def** \_\_init\_\_(self, root):

        self.root = root

        self.root.title("App Text Editor")

        self.root.geometry("800x400")

        self.open\_button = tk.Button(self.root, text="Open File", command=self.open\_file)

        self.open\_button.pack(side=tk.TOP, fill=tk.X)

        self.save\_button = tk.Button(self.root, text="Save File", command=self.save\_file)

        self.save\_button.pack(side=tk.TOP, fill=tk.X)

        self.text\_box = tk.Text(self.root, width=100, height=40)

        self.text\_box.pack(side=tk.RIGHT, fill=tk.BOTH, expand=True)

**def** open\_file(self):

        file\_path = filedialog.askopenfilename(filetypes=[("Text files", "\*.txt")])

        if file\_path:

            with open(file\_path, 'r') as file:

                content = file.read()

                self.text\_box.delete(1.0, tk.END)

                self.text\_box.insert(tk.END, content)

**def** save\_file(self):

        file\_path = filedialog.asksaveasfilename(defaultextension=".txt", filetypes=[("Text files", "\*.txt")])

        if file\_path:

            content = self.text\_box.get(1.0, tk.END)

            with open(file\_path, 'w') as file:

                file.write(content)

*#main program*

root = tk.Tk()

app = TextEditorApp(root)

root.mainloop()





