

TEXT EDITOR

pip install tk

Import required modules and libraries

from tkinter import *

import tkinter as tk

from tkinter.filedialog import asksaveasfilename

stimulator_window = Tk()

stimulator_window.geometry('600x600')

stimulator_window.title('TechVidvan')

heading = Label(stimulator_window, text='Welcome to the Text Editor', font=('bold', 20), bg='light grey') # This will create a label for the heading.

heading.pack() # You have to pack this label so that it can be seen in the window

scrollbar = Scrollbar(stimulator_window).pack(side=RIGHT, fill=Y)

Editor = Text(stimulator_window, width=400, height=450, yscrollcommand=scrollbar.set).pack(fill=BOTH)

scrollbar.config(command=Editor.yview)

button = Button(stimulator_window, text='Save', font=('normal', 10), command=save, bg='yellow')

button.place(x=270, y=520)

def save():

 filepath = asksaveasfilename(defaultextension=".txt", filetypes=[("Text Files", "*.txt"), ("All Files", "*. *")])

 if not filepath:

 return

 with open(filepath, "w") as output_file:

 text = Editor.get(1.0, tk.END)

 output_file.write(text)

 stimulator_window.title(f"Entitled - {filepath}")

Main command:

command to run

window.mainloop()

Also this should be corrected from:

```
Editor=Text(stimulator_window,width=400,height=450,yscrollcommand=scrollbar.set).pack(fill=BOTH)
```

to:

```
editor=Text(stimulator_window,width=400,height=450,yscrollcommand=scrollbar.set)
editor.pack(fill=BOTH)
```

(Otherwise, editor becomes a NoneType object so text = Editor.get(1.0, tk.END) would contain an invalid .get method)

working solution due to age:

```
from tkinter import *
import tkinter as tk
from tkinter.filedialog import asksaveasfilename
stimulator_window = Tk()
stimulator_window.geometry('600x600')
stimulator_window.title('PyTech')
# This will create a label for the heading.
heading = Label(
    stimulator_window,
    text='Welcome to the Text Editor',
    font=('bold',20),
    bg='light grey'
)
# You have to pack this label so that it can be seen in the window
heading.pack()
scrollbar = tk.Scrollbar(stimulator_window)
scrollbar.pack(side=RIGHT,fill=Y)
Editor=tk.Text(
    stimulator_window,
    width=400,
    height=450,
    yscrollcommand=scrollbar.set
)
```

```
Editor.pack(fill=BOTH)
scrollbar.config(command=Editor.yview)
def save():
    filepath = asksaveasfilename(defaulttextextension="txt",filetypes=[("Text Files", "*.txt"), ("All Files",
    "*. *")])
    if not filepath:
        return
    with open(filepath, "w") as output_file:
        text = Editor.get(1.0, tk.END)
        output_file.write(text)
        stimulator_window.title(f"Entitled – {filepath}")
        button = Button(
            stimulator_window,
            text='Save',
            font=('normal',10),
            command=save,
            bg='yellow'
        )
        button.place(x=270,y=520)

# command to run
stimulator_window.mainloop()
```