



Notepad & Calculator In Tkinter + Why Tkinter? | Python Tkinter GUI Tutorial In Hindi #1



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Tkinter is a built-in Python module for developing a GUI application. It's easy to use and shipped as a package with Python. We can visualize our data with GUI applications.

Why Tkinter?

Python, when combined with Tkinter, provides a fast and easy way to create GUI applications. Tkinter provides a powerful object-oriented interface to the *Tk* GUI toolkit. Creating a GUI application using Tkinter is an easy task. All you need to do is to follow the steps listed below:

- Import the module *Tkinter*
- Create the GUI application's main window.

- Add one or more widgets like Button, Radiobutton, Checkbutton, Canvas, Menubutton, etc.
- Apply the event Trigger on the widgets.
- All Tkinter widgets have access to specific geometry management methods to organize widgets throughout the parent widget area.
- We can use standard attributes like color, size, etc.

Some of the Tkinter applications that will be creating in this course:

GUI Calculator:

The GUI-based simple calculator can be created using the Python Tkinter module ([Creating a Calculator Using Tkinter](#)), which can perform basic arithmetic operations, i.e., addition, subtraction, multiplication, division, etc.

GUI Notepad:

GUI-based notepad can be created using the Python Tkinter module([Creating a GUI Notepad in Tkinter](#)), which has three main menu items: File, Edit & Help. The file menu item will have four sub-items- New, Open, Save & Exit. In this GUI Notepad, the user can make and save new files and open any file for further use. Many more operations can be created in Notepad using GUI.

This tutorial ends here. I wanted to give you a quick introduction to Tkinter and some applications we will create in this course. Please share this course with your friends too, and I will see you in the next tutorial.

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