

## Graphical user Interface With Tkinter:-

Python offers multiple offers for developing GUI (Graphical user Interface). out of all the GUI methods, Tkinter is the most commonly used method. It is a standard Python interface to the Tk GUI Tool kit shipped with Python. Python with Tkinter is the fastest and easiest way to create the GUI Applications. Creating a GUI using Tkinter is an easy task. To create a Tkinter app.

Importing the module - Tkinter Create the main window (container) Add any no. of widgets to the main window Apply the Event Trigger the widgets. Importing Tkinter is same as importing any other module in Python code. Note that the name of the module in Python 2.x is "Tkinter" & in Python 3.x is "tkinter".

Import Tkinter There are 2 main methods used which the user needs to remember while creating the Python Application. With GUI Tk (screenname=None, basename=None, classname='Tk', useTk=1); To create main window, Tkinter offers a method. To change the name of the window, you change the class name to the desired one. There is a method by the way the name mainloop() is used when your application is ready to run. mainloop() is an infinite loop used to run the application, wait for an event to occur & process the event as long as the window is not closed in mainloop(). Mainloop() Tkinter also offers access to the geometry configuration of the widgets which can organize the widgets in the parent windows. There are mainly 3 geometry manager classes.