

->import the Tkinter module. ->Create the main application window. ->Add the widgets like labels, buttons, frames, etc. to the window. ->Call the main event loop so that the actions can take place on the user's computer screen.

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In [1]: from tkinter import*
# creating the application main window
top=Tk()
# Entering the event main Loop
top.mainloop()
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In [2]: # Tkinter widgets
# Button is used to add various kind of button
# Canvas widget is used to draw the canvas on the window
# checkbutton is used to display the CheckButton on the window
# Entry widget is used to display the single-line text field to the user
# Frame can be defined as container to which, another widgets can be added and or
# Label is a text used to display some message or information about the other widget
# Listbox widget is used to display a list of options to the user
# Menubutton is used to display the menu items to the user
# Menu is used to add menu items to the user
# Message widget is used to display the message-box to the user
# Radiobutton is different from a checkbutton
# scale is used to provide slider
# scrollbar is used to provide scroll
# text is multiline text field
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In [3]: from tkinter import *
parent=Tk()
redbutton = Button(parent, text = "Red", fg = "red")
redbutton.pack( side = LEFT)
greenbutton = Button(parent, text = "Black", fg = "black")
greenbutton.pack( side = RIGHT )
bluebutton = Button(parent, text = "Blue", fg = "blue")
bluebutton.pack( side = TOP )
blackbutton = Button(parent, text = "Green", fg = "red")
blackbutton.pack( side = BOTTOM)
parent.mainloop()
```

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In [ ]: parent = Tk()
name = Label(parent,text = "Name").grid(row = 0, column = 0)
e1 = Entry(parent).grid(row = 0, column = 1)
password = Label(parent,text = "Password").grid(row = 1, column = 0)
e2 = Entry(parent).grid(row = 1, column = 1)
submit = Button(parent, text = "Submit").grid(row = 4, column = 0)
parent.mainloop()
```

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In [ ]: from tkinter import *
top = Tk()
top.geometry("400x250")
name = Label(top, text = "Name").place(x = 30,y = 50)
email = Label(top, text = "Email").place(x = 30, y = 90)
password = Label(top, text = "Password").place(x = 30, y = 130)
e1 = Entry(top).place(x = 80, y = 50)
e2 = Entry(top).place(x = 80, y = 90)
e3 = Entry(top).place(x = 95, y = 130)
top.mainloop()
```

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In [ ]:
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