

# Python Tkinter Entry

## Python Tkinter Entry

Tkinter Entry widget allows user to input a single line of text via GUI application.

In this tutorial, we will learn how to create an Entry widget and how to use it read a string from user.

### Create Tkinter Entry Widget

To create an Entry widget in your GUI application, use the following syntax.

```
widget = tk.Entry(parent, option, ...)
```

where parent is the root window or a frame in which we would like to pack this Entry widget. You can provide one or more options supported for Entry widget to change its appearance and behavior.

### Example 1 – Tkinter Entry

In this example, we will create a Tkinter Entry widget, and read value entered by user in the Entry widget.

#### example.py – Python Program

```
import tkinter as tk

window_main = tk.Tk(className='Tkinter - TutorialKart', )
window_main.geometry("400x200")

entry_1 = tk.StringVar()

entry_widget_1 = tk.Entry(window_main, textvariable=entry_1)
entry_widget_1.pack()

def submitValues():
    print(entry_1.get())

submit = tk.Button(window_main, text="Submit", command=submitValues)
submit.pack()

window_main.mainloop()
```

entry\_1 variable is bind to the entry\_widget\_1 to store the value entered to the Entry widget.

When user clicks submit button, we call submitValues() function. In this function, we are reading the value entered in Entry widget, using entry\_1.get().

#### Output

Enter some text in the Entry widget as shown below.

Click on Submit button, and you will get the entry value printed to the console.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS D:\workspace\python> python example.py
hello world
█
```

## Conclusion

In this [Python Tutorial](#), we learned how to create an Entry widget in our GUI application, and how to work with it, with the help of example programs.

### Python Tkinter

Python Tkinter Tutorial

Tkinter Button

Tkinter Canvas

Tkinter Checkbutton

Tkinter Entry

Tkinter Frame

Tkinter Label

Tkinter Listbox

Tkinter Message

Tkinter Radiobutton