CodeWithHarry

🏠   HTML   CSS   JS   C   C++   JAVA   PYTHON   PHP   🔍

Message Box In Tkinter Python | Python Tkinter GUI Tutorial In Hindi #18

▶

Overview   Q&A   Downloads   Announcements

Message Box In Tkinter Python | Python Tkinter GUI Tutorial In Hindi #18

Python **Tkinter-MessageBox** module is used to display the message boxes in the python applications. This module provides a number of functions that a user can use to display an appropriate message. Some of these functions are *showinfo, askquestion, showwarning, showerror, askokcancel, askyesno,* and *askretrycancel*.

Parameters:

```
tmsg.Function_Name(title, message [, options])
```

- *tmsg* is used to defining TKMessageBox. For this, we have to import tkinter.messagebox as tmsg.
- **Function_Name:** This is the name of the appropriate message box function.
- **title:** This is the text to be displayed in the title bar of a message box.
- **message:** This is the text to be displayed as a message in the message box.
- **options:** Options are alternative choices that may be used to tailor a standard message box.
1. **default:** The default option is used to specify the default button, such as ABORT, RETRY, or IGNORE, in the message box.
2. **parent:** The parent option is used to specify the window on top of which the message box is to be displayed.

Code is described below:

```python
from tkinter import *
import tkinter.messagebox as tmsg
root = Tk()
root.geometry("733x566")
root.title("Pycharm")


def myfunc():
    print("Mai ek bahut hi natkhat aur shaitaan function hoon")


def help():
    print("I will help you")
    tmsg.showinfo("Help", "Harry will help you with this gui")


def rate():
    print("Rate us")
    value = tmsg.askquestion("Was your experience Good?", "You used this gui.. Was your experience Good?")
    if value == "yes":
        msg = "Great. Rate us on appstore please"
    else:
        msg = "Tell us what went wrong. We will call you soon"
    tmsg.showinfo("Experience", msg)


def divya():
    ans = tmsg.askretrycancel("Divya se dosti kar lo", "Sorry divya nahi banegi aapki dost")
    if ans:
        print("Retry karne pe bhi kuch nahi hoga")

    else:
        print("Bahut badiya bhai cancel kar diya warna pitte")



mainmenu = Menu(root)
```

```python
m1 = Menu(mainmenu, tearoff=0)
m1.add_command(label="New project", command=myfunc)
m1.add_command(label="Save", command=myfunc)
m1.add_separator()
m1.add_command(label="Save As", command=myfunc)
m1.add_command(label="Print", command=myfunc)
root.config(menu=mainmenu)
mainmenu.add_cascade(label="File", menu=m1)


m2 = Menu(mainmenu, tearoff=0)
m2.add_command(label="Cut", command=myfunc)
m2.add_command(label="Copy", command=myfunc)
m2.add_separator()
m2.add_command(label="Paste", command=myfunc)
m2.add_command(label="Find", command=myfunc)
root.config(menu=mainmenu)
mainmenu.add_cascade(label="Edit", menu=m2)



m3 = Menu(mainmenu, tearoff=0)
m3.add_command(label = "Help", command=help)
m3.add_command(label = "Rate us", command=rate)
m3.add_command(label = "Befriend Divya", command=divya)
mainmenu.add_cascade(label="Help", menu=m3)
root.config(menu=mainmenu)
root.mainloop()
```

- In this above code, within the functions help(), rate(), and divya() TkMeassgeBox module is used to show the message or dialogue box. These three functions are called from menu m3 labelled as "Help".
1. Within the help() function, showinfo() function is used where we can pass the title's name as the first parameter and show some relevant information to the user (i.e., "Harry" is the title of the message box, and we can see "Harry will help you with this gui" as information in the

message box.

2. Within the rate() function, askquestion() function is used where we can pass the title's name as the first parameter and ask questions to the user which has to be answered in yes or no. In this example, "Was your experience Good?" is the title of the message box, and "You used this GUI.. Was your experience Good?" is passed as a question. Also, depending on the user's answer, it can give output. Here if the answer is "yes," it will show the message "Great. Rate us on appstore please", else (if the answer is "no") it will show the message "Tell us what went wrong. We will call you soon". Both condition's statements are taken in "msg" variable, which is passed in the showinfo() function so that it can show the information creating another message box whose title is taken as "Experience".

3. Within "divya" function, asktrycancel() function is used where we can pass the title's name as the first parameter and ask the user about doing a particular task again or not (Retry or Cancel). This example, based on the two conditions "Retry" & "Cancel" on the message box, it will print different statements in the terminal.

```python
def help():
    print("I will help you")
    tmsg.showinfo("Help", "Harry will help you with this gui")


def rate():
    print("Rate us")
    value = tmsg.askquestion("Was your experience Good?", "You used this gui.. Was your experience Good?")
    if value == "yes":
        msg = "Great. Rate us on appstore please"
    else:
        msg = "Tell us what went wrong. We will call you soon"
    tmsg.showinfo("Experience", msg)


def divya():
    ans = tmsg.askretrycancel("Divya se dosti kar lo", "Sorry divya nahi banegi aapki dost")
    if ans:
        print("Retry karne pe bhi kuch nahi hoga")

    else:
        print("Bahut badiya bhai cancel kar diya warna pitte")
```
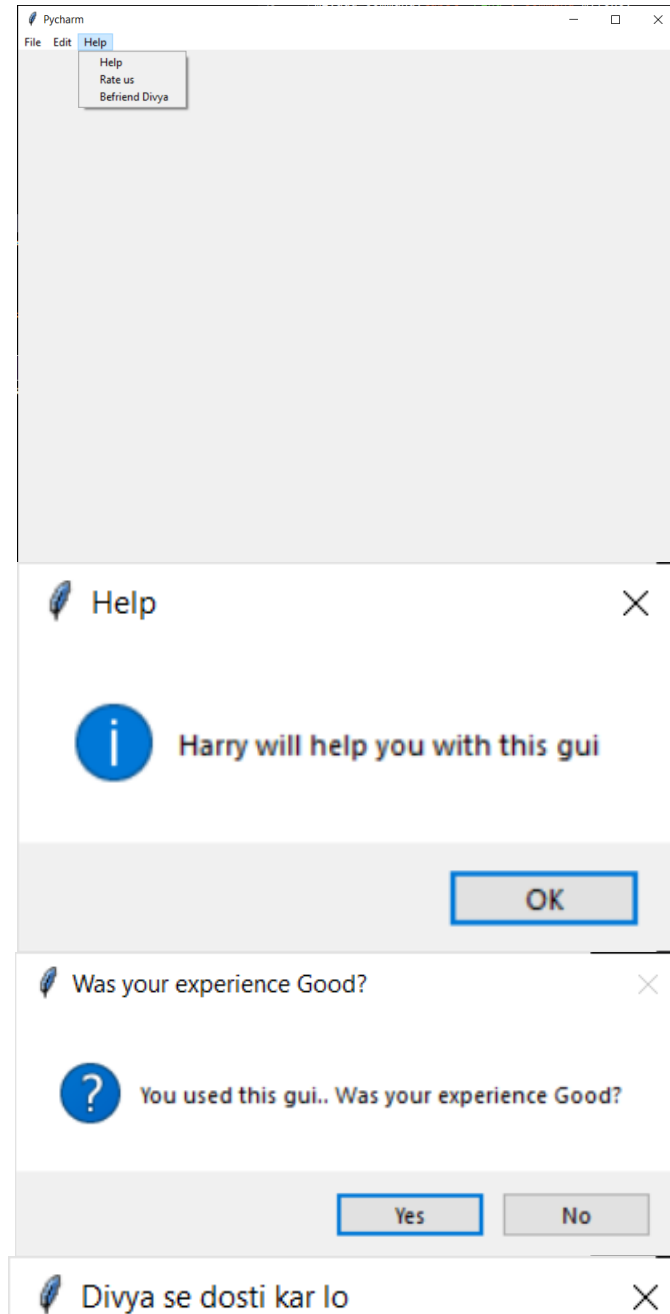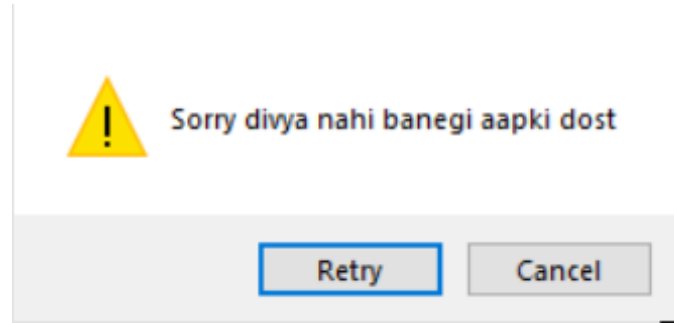
- The rest part of the code (Menus & Submenus) is described in [Menus and Submenus in Tkinter Python](#)

Output: **The output of the code (or the GUI window) is given below:**

Code as described/written in the video

Copy

```python
from tkinter import *
import tkinter.messagebox as tmsg
root = Tk()
root.geometry("733x566")
root.title("Pycharm")

def myfunc():
    print("Mai ek bahut hi natkhat aur shaitaan function hoon")

def help():
    print("I will help you")
    tmsg.showinfo("Help", "Harry will help you with this gui")

def rate():
    print("Rate us")
    value = tmsg.askquestion("Was your experience Good?", "You used this gui.. Was your experience Good?")
    if value == "yes":
        msg = "Great. Rate us on appstore please"
    else:
        msg = "Tell us what went wrong. We will call you soon"
    tmsg.showinfo("Experience", msg)
```

```python
def divya():
    ans = tmsg.askretrycancel("Divya se dosti kar lo", "Sorry divya nahi banegi aapki dost")
    if ans:
        print("Retry karne pe bhi kuch nahi hoga")

    else:
        print("Bahut badiya bhai cancel kar diya warna pitte")


mainmenu = Menu(root)

m1 = Menu(mainmenu, tearoff=0)
m1.add_command(label="New project", command=myfunc)
m1.add_command(label="Save", command=myfunc)
m1.add_separator()
m1.add_command(label="Save As", command=myfunc)
m1.add_command(label="Print", command=myfunc)
root.config(menu=mainmenu)
mainmenu.add_cascade(label="File", menu=m1)

m2 = Menu(mainmenu, tearoff=0)
m2.add_command(label="Cut", command=myfunc)
m2.add_command(label="Copy", command=myfunc)
m2.add_separator()
m2.add_command(label="Paste", command=myfunc)
m2.add_command(label="Find", command=myfunc)
root.config(menu=mainmenu)
mainmenu.add_cascade(label="Edit", menu=m2)


m3 = Menu(mainmenu, tearoff=0)
m3.add_command(label = "Help", command=help)
m3.add_command(label = "Rate us", command=rate)
```

```python
m3.add_command(label = "Befriend Divya", command=divya)
mainmenu.add_cascade(label="Help", menu=m3)
root.config(menu=mainmenu)
root.mainloop()
```

Previous

Next

CodeWithHarry | Copyright © 2022 CodeWithHarry.com