



Tkinter askokcancel

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Summary: in this tutorial, you'll learn how to use the Tkinter `askokcancel()` function to show a confirmation dialog.

Introduction to the Tkinter askokcancel() function

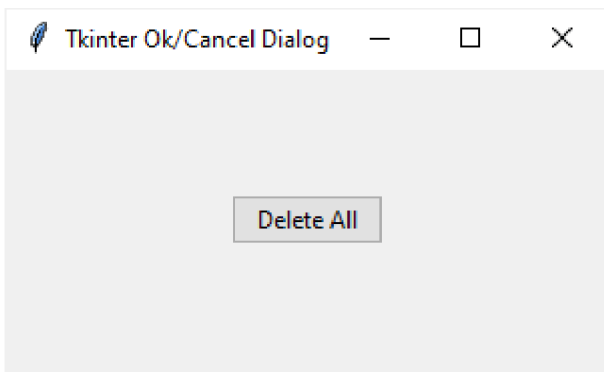
The `askokcancel()` function shows a confirmation dialog that has two buttons: `OK` and `Cancel` .

```
answer = askokcancel(title, message, **options)
```

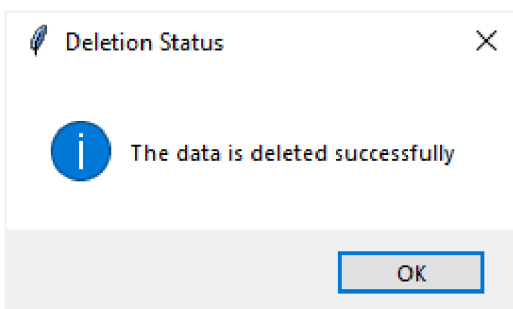
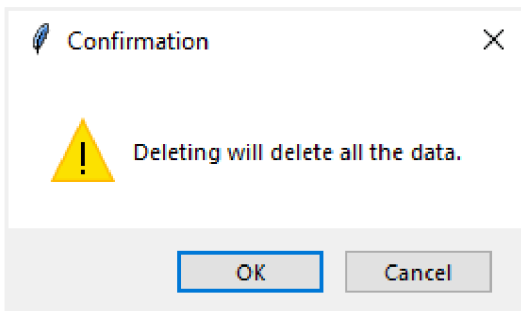
If you click the `OK` button, the function returns `True` . However, if you click the `Cancel` button, the function returns `False` .

Tkinter askokcancel() example

The following program shows a **Delete All** button. If you click the button, the program will show a confirmation dialog that has two buttons: `OK` and `Cancel` .



If you click the **OK** button, the program will show a message box indicating that all the data has been deleted successfully:



The program:

```
import tkinter as tk
from tkinter import ttk
from tkinter.messagebox import askokcancel, showinfo, WARNING

# create the root window
root = tk.Tk()
root.title('Tkinter Ok/Cancel Dialog')
root.geometry('300x150')

# click event handler
```

```
def confirm():
    answer = askokcancel(
        title='Confirmation',
        message='Deleting will delete all the data.',
        icon=WARNING)

    if answer:
        showinfo(
            title='Deletion Status',
            message='The data is deleted successfully')

ttk.Button(
    root,
    text='Delete All',
    command=confirm).pack(expand=True)

# start the app
root.mainloop()
```

The following program does the same as the program above but use the object-oriented programming approach:

```
import tkinter as tk
from tkinter import ttk
from tkinter.messagebox import askokcancel, showinfo, WARNING

class App(tk.Tk):
    def __init__(self):
        super().__init__()

        self.title('Tkinter Ok/Cancel Dialog')
        self.geometry('300x150')
```

```
delete_button = ttk.Button(
    self,
    text='Delete All',
    command=self.confirm)

delete_button.pack(expand=True)

def confirm(self):
    answer = askokcancel(
        title='Confirmation',
        message='Deleting will delete all the data.',
        icon=WARNING)

    if answer:
        showinfo(
            title='Deletion Status',
            message='The data is deleted successfully')

if __name__ == "__main__":
    app = App()
    app.mainloop()
```

Summary

- Use the Tkinter `askokcancel()` function to display a confirmation dialog with two buttons `OK` and `Cancel`.
- The `askokcancel()` function returns `True` if you click the `OK` button and `False` if you click the `Cancel` button.