

# TO-DO LIST APPLICATION

```
from tkinter import *
from tkinter import ttk

class todo:
    def __init__(self, root):
        self.root = root
        self.root.title('To-do-list')
        self.root.geometry('650*410+300+150')

        self.lable = Label(self.root, text='To-Do-List-App',
                             font='ariel, 25 bold', width=10, bd=5,
                             bg='orange', fg='black')
        self.lable.pack(side='top', fill=BOTH)

        self.lable2 = Label(self.root, text='Add Task',
                             font='ariel, 18 bold', width=10, bd=5,
                             bg='orange', fg='black')
```

```
self.label2.place(x=40, y=54)
```

```
self.lable3 =Label(self.root, text='Tasks',  
                    font='ariel, 18 bold', width=10,bd=5,  
bg='orange', fg='black')
```

```
self.label3.place(x=320, y=54)
```

```
self.main_text = Listbox(self.root,height=9, bd=5,  
width=23,font="ariel, 20 italic bold")
```

```
self.main_text.place(x=280, y=100)
```

```
self.text = Text(self.root, bd=5, height=2,  
width=30,font='ariel, 10 bold')
```

```
self.text.place(x=20, y=120)
```

```
def add():
```

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    content = self.text.get(1.0, END)
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```
    self.main_text.insert(END, content)
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```
    with open('data.txt', 'a') as file:
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        file.write(content)
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```
file.seek(0)
file.close()
self.text.delete(1.0, END)
```

```
def delete():
    delete_ = self.main__text.curselection()
    look = sel.main_text.get(delete_)
    with open('data.txt', 'r+') as f:
        new_f = f.readlines()
        f.seek(0)
        for line in new_f:
            item = str(look)
            if item not in line:
                f.write(line)
        f.truncate()
    self.main_text.delete(delete_)
```

```
with open('data.txt', 'r') as file:
    read = file.readlines()
    for i in read:
```

```
ready = i.split()
self.main_text.insert(END, ready)
file.close()
```

```
self.button =
Button(self.root,text="Add",font='sarif, 20 bold italic',
        width=10,bd=5, bg='orange',
fg='black',command=add)
self.button.place(x=38, y=180)
```

```
self.button2 =
Button(self.root,text="Delete",font='sarif, 20 bold
italic',
        width=10,bd=5, bg='orange',
fg='black',command=delete)
self.button2.place(x=30, y=200)
```

```
def main():
    root = Tk()
    ui = todo(root)
    root.mainloop()
```

```
if_name_=="main":  
    main()
```

```
)
```