In [5]:
```
# Importing * from tkinter for creating graphical user interface
from tkinter import *

# creating class as absTodo
class Todo:

    # creating a function with (self, root)
    def __init__(self, root):

        # assigning self.root=root
        self.root = root

        # adding the title as To-Do List
        self.root.title('To-Do List')

        # creating a geometry to fix the button sizes
        self.root.geometry('650x410+300+150')

        # assigning the text,font,width,bd,back ground,fg for the first label t
        self.label = Label(self.root, text='TO-DO-LIST-APP',
                           font='arial 25 bold', width=10, bd=5, bg='orange', f

        self.label.pack(side='top', fill='both')

        # assigning the text,font,width,bd,back ground,fg for the second label
        self.label2 = Label(self.root, text='ADD TASK',
                           font='arial 18 bold', width=10, bd=5, bg='orange', f

        # giving the size of label2
        self.label2.place(x=40, y=54)

        # assigning the text,font,width,bd,back ground,fg for the third label t
        self.label3 = Label(self.root, text='TASK',
                           font='arial 18 bold', width=10, bd=5, bg='orange', f

        # giving the size of label3
        self.label3.place(x=320, y=54)

        # creating a list box to add the tasks
        self.task_list = Listbox(self.root, height=9, bd=5, width=23, font='ari

        # giving the size of the listbox
        self.task_list.place(x=250, y=100)

        # taking the text from the user
        self.text_entry = Text(self.root, height=2, bd=5, width=30, font='ariel
        self.text_entry.place(x=20, y=120)

        # creating a function to add the tasks to the to-do list
        def add():
            content = self.text_entry.get(1.0, END)
            self.task_list.insert(END, content)
            with open('data.txt', 'a+') as file:
                file.write(content)
            self.text_entry.delete(1.0, END)

        # creating a function to delete from to-do list
```

```
        def delete():
            selected_index = self.task_list.curselection()
            if selected_index:
                self.task_list.delete(selected_index)
                with open('data.txt', 'r+') as f:
                    lines = f.readlines()
                    f.seek(0)
                    for line in lines:
                        if line.strip() != self.task_list.get(selected_index):
                            f.write(line)
                    f.truncate()

        with open('data.txt', 'a+') as file:
            file.seek(0)
            read = file.readlines()
            for i in read:
                ready = i.split()
                self.task_list.insert(END, ready)

        # creating a add button to add the tasks in to-do list as self.add_butt
        self.add_button = Button(self.root, text="Add", font='serif 20 bold ita
                                 width=10, bd=5, bg='orange', fg='black', comma
        self.add_button.place(x=30, y=180)

        # creating a add button to delete asks tasks in to-do list as self.dele
        self.delete_button = Button(self.root, text="Delete", font='serif 20 bo
                                    width=10, bd=5, bg='orange', fg='black', co
        self.delete_button.place(x=30, y=280)

# creating the function for the total to-do list
def main():
    root = Tk()
    ui = Todo(root)
    root.mainloop()


if __name__ == "__main__":
    main()
```

In [ ]: