This code creates the main window for the To-Do-List application using Tkinter's Tk class. The self.root attribute stores the Tk object, which is the root window for the application. The root.title method sets the title of the window to "To-do-list", and root.geometry sets the window size to 650x410 pixels and the position on the screen to 300+150.

This code then creates a label widget with text "To-Do-List-App" written in "ariel, 25 bold" font. The width of the label is set to 10 and it has a border width of 5. The background color is set to 'orange' and the foreground color is set to 'black'. The label widget is then packed to the parent widget with 'side' argument set to 'top' and 'fill' argument set to BOTH, which fills both x and y axis.

This code then creates two labels in the GUI window. The first label has text "To-Do-List-App" and is created using the Label method. It is then packed to the top of the window using the pack method. The second and third labels have text "Add Task" and "Tasks" respectively, and are created using the Label method as well. However, instead of packing them, their positions are specified using the place method with x and y coordinates. All three labels have specified font, width, border width, background color and foreground color.

the text entry and listbox widgets have been added to the GUI by self.main\_text and self.text.

The code then creates two functions "add" and "delete". The "add" function retrieves the contents of the text box using the "get" method and inserts it into the main text (listbox) using the "insert" method. The contents are also written to a file "data.txt" using the "write" method. The text box is cleared after adding the contents using the "delete" method.

The "delete" function retrieves the selected item from the listbox using the "curselection" method and deletes it from the listbox using the "delete" method. The item is also deleted from the text file "data.txt" by reading the file's lines and writing the lines back to the file that do not match the selected item.

The Mark\_item function changes the color of selected item to blue and the Unmark\_item function changes the color of selected item to black (default color).

At the end of the code, the contents of the file "data.txt" are read and split into separate lines and inserted into the Listbox.

The code creates two buttons, "Add" and "Delete", that perform the corresponding functions when clicked. The "Add" button will take the text entered in the "Text" widget and insert it into the "Listbox" widget as well as append it to the "data.txt" file. The "Delete" button will delete the selected item in the "Listbox" widget and also remove it from the "data.txt" file. The "sarif, 20 bold italic" font is used for both buttons, with a width of 10, a border width of 5, an orange background color, and a black foreground color. The buttons are placed at the specified x and y coordinates.