”TO DO LIST”

DOCUMENTARY

**DESCRIPTION OF THE STUDY**

The code is a Python script that uses Tkinter for creating a user interface for To-Do List application. Users can create and delete tasks. The tasks are entered and later shown as a listbox. It gives a simple way of dealing with tasks systematically.

**BENEFITS OF THE CODE**

Easy task addition and deletion is possible because of the GUI’s user-friendly interface. Structured organization and clear visual representation make it easy to manage and view the to-do list’s efficiency better.

**OBJECTIVES OF THE CODE**

The code's main objective is to give users with a simple way to manage their chores by allowing them to add tasks to a list and delete them as needed. The code accomplishes this goal by effectively processing user input from the entry forms, extracting task information, and taking necessary actions, such as adding the task to the listbox or deleting a selected task. By successfully managing user input, the code provides users with a seamless and straightforward task management experience.

**PURPOSE OF THE CODE**

The code's purpose is to serve as a task tracking tool, allowing users to record and manage their tasks in a central area. The code streamlines task management by offering a graphical interface, removing the need for users to use command line or text-based interfaces. The GUI-based approach improves the user experience by creating a more intuitive and visually appealing environment for task management, resulting in a more streamlined and efficient procedure.

**SIGNIFICANCE OF THE CODE**

The code's importance comes from its teaching value for beginners learning Tkinter GUI development, its potential as a building block for growing the application's functionality, and its adaptability for customisation and integration with larger projects.

**FEATURES OF THE CODE**

The code provides a Tkinter-based GUI that allows users to easily add and delete jobs. It properly processes user input, organizes tasks in a listbox, and styles the interface to make it visually appealing. The code uses event-driven programming to provide smooth task management through user interactions, giving it an easy and fast way to organize and maintain a to-do list.

**CODE**

import tkinter as tk

def add\_task():

task = entry.get()

if task:

formatted\_task = f"{task:<30} - {date.get():>40}"

listbox.insert(tk.END, formatted\_task)

entry.delete(0, tk.END)

date.delete(0, tk.END)

def delete\_task():

try:

index = listbox.curselection()

listbox.delete(index)

except tk.TclError:

pass

root = tk.Tk()

root.title("To-Do List")

# Listbox styles

listbox = tk.Listbox(root, fg="black", bg="pink")

listbox.pack(padx=50, pady=(25, 10), ipadx=300, ipady=400)

# Entry box styles

entry = tk.Entry(root, font=("Arial", 12))

entry.pack(padx=10, pady=(0, 5))

# Date entry box styles

date = tk.Entry(root, font=("Arial", 12))

date.pack(padx=10, pady=(0, 5))

# Button styles

button\_frame = tk.Frame(root)

button\_frame.pack(pady=(0, 10))

add\_button = tk.Button(button\_frame, text="Add Task", command=add\_task, font=("Arial", 12), fg="black", bg="light pink")

add\_button.pack(side=tk.LEFT, padx=(0, 5))

delete\_button = tk.Button(button\_frame, text="Delete Task", command=delete\_task, font=("Arial", 12), fg="black", bg="light pink")

delete\_button.pack(side=tk.LEFT, padx=(0, 5))

root.mainloop()

**BIODATA**



**TRIXI P. ILOLA**

P-2 Doña Helene, Basilisa, Dinagat Islands

09630686369

[trixiilola@gmail.com](mailto:trixiilola@gmail.com)

**PERSONAL INFORMATION**

Age: 19

Sex: Female

Height: 152cm

Weight: 45kg

Birthdate: March 02, 2004

Birthplace: Valenzuela City

Nationality: Filipino

Religion: Catholic

Civil Status: Single

Father’s Name: Gilbert C. Ilola

Mother’s Name: Rosalie P. Ilola

**EDUCATIONAL BACKGROUND**

Senior High: Don Jose Ecleo Memorial College

P-5 Justiniana Edera, San Jose, Dinagat Islands

High School: Doña Helene National High School

P-2 Doña Helene, Basilisa, Dinagat Islands

Elementary: Doña Helene Elementary School

P-2 Doña Helene, Basilisa, Dinagat Islands