

ASSIGNMENT-3

A)Graphical User Interface

```
import tkinter as tk
from tkinter import messagebox
tasks = []
def add_task():
    task = task_entry.get()
    if task:
        tasks.append(task)
        task_entry.delete(0, tk.END)
        update_task_list()
    else:
        messagebox.showwarning("Warning", "Task
cannot be empty")
def update_task_list():
    task_list.delete(0, tk.END)
    for task in tasks:
        task_list.insert(tk.END, task)
```

```
def remove_task():  
    selected_task_index = task_list.curselection()  
    if selected_task_index:  
        task_list.delete(selected_task_index)  
        tasks.pop(selected_task_index[0])
```

```
app = tk.Tk()  
app.title("To-Do List")
```

```
task_entry = tk.Entry(app, width=40)  
task_entry.pack(pady=10)
```

```
add_button = tk.Button(app, text="Add Task",  
command=add_task)  
add_button.pack(pady=5)
```

```
remove_button = tk.Button(app, text="Remove Task",  
command=remove_task)  
remove_button.pack(pady=5)
```

```
task_list = tk.Listbox(app, width=40, height=10)
```

```
task_list.pack(pady=10)
```

```
app.mainloop()
```



