

# To-Do List Application Documentation U06

## Overview

This is a fully functional to-do list application written in Python. It allows users to add, view, and remove tasks from their to-do list. It also provides the ability to export tasks to JSON and includes a GUI.

## Usage

1. Run the script ``todo_u06.py`` to start the application.
2. Follow the on-screen menu options or use the GUI to interact with the application.

## Menu Options

- ``a`` - Add Task: Allows users to add a new task to the to-do list.
- ``v`` - View Tasks: Displays the current list of tasks.
- ``r`` - Remove Task: Removes a task from the list based on user input.
- ``e`` - Export to JSON: Saves the current tasks to a JSON file.
- ``q`` - Quit: Exit the application.

## GUI Features

- The graphical user interface (GUI) provides a user-friendly way to manage tasks.
- Users can add, view, and remove tasks using buttons and inputs.
- The GUI includes a menu with options for adding, viewing, removing, and exporting tasks.

## JSON Export

Users can export their task list to a JSON file by selecting the "Export to JSON" option.

## How to use

1. Add a task: Enter a task description and click the "Add Task" button.
2. View tasks: Click the "View Tasks" button to see the list of tasks.
3. Remove a task: Select a task from the list and click the "Remove Task" button.
4. Export to JSON: Click the "Export to JSON" button to save tasks to a JSON file.
5. Quit the application: Close the GUI window or use the "Quit" option.

## Requirements

- Python 3.x
- Tkinter library for the GUI

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