# Beginner To-Do List

This document explains a simple To-Do List program written in Python. The program allows the user to add, view, and remove tasks through a menu-driven system.

## Python Code

# Simple To-Do List Program  
  
tasks = [] # empty list to store tasks  
  
def add\_task():  
 task = input("Enter a task: ")  
 tasks.append(task)  
 print("Task added!")  
  
def view\_tasks():  
 if not tasks:  
 print("No tasks in the list.")  
 else:  
 print("Your tasks:")  
 for i, task in enumerate(tasks, start=1):  
 print(i, "-", task)  
  
def remove\_task():  
 view\_tasks()  
 if tasks:  
 num = int(input("Enter the task number to remove: "))  
 if 1 <= num <= len(tasks):  
 removed = tasks.pop(num - 1)  
 print(f"Task '{removed}' removed!")  
 else:  
 print("Invalid task number!")  
  
while True:  
 print("\n--- To-Do List Menu ---")  
 print("1. Add Task")  
 print("2. View Tasks")  
 print("3. Remove Task")  
 print("4. Exit")  
  
 choice = input("Enter your choice: ")  
  
 if choice == "1":  
 add\_task()  
 elif choice == "2":  
 view\_tasks()  
 elif choice == "3":  
 remove\_task()  
 elif choice == "4":  
 print("Goodbye!")  
 break  
 else:  
 print("Invalid choice! Please try again.")

## Explanation of Code

1. Create an empty list called 'tasks' to store all the to-do items.

2. Define function add\_task(): asks the user for a task and appends it to the list.

3. Define function view\_tasks(): shows all tasks with their numbers using enumerate().

4. Define function remove\_task(): first displays the list, then removes the task number given by the user.

5. Use a while True loop to keep showing the menu until the user chooses Exit.

6. The menu options are: Add Task (1), View Tasks (2), Remove Task (3), Exit (4).

7. If the user enters an invalid choice, it shows an error message.

8. The program ends only when the user selects option 4.