

A simple and functional project to create a **To-Do List** application in Python can help you practice your programming skills. Here's a step-by-step plan to build this project.

Project Steps:

1. Set Up Your Project:

- Create a new folder for your To-Do List project.
- Inside this folder, create a file named `todo.py`.

2. Define Your Data Structure:

- Decide how you will store your to-do items. You can use a list to keep it simple.

3. Create Functions:

- Write a function to display the to-do list.
- Write a function to add a new to-do item.
- Write a function to remove an item from the list.
- Write a function to mark an item as complete.

4. Build the Main Menu:

- Create a simple text-based menu that allows users to choose actions (add, remove, list, mark complete, exit).

5. Implementing User Input:

- Use `input()` to get user choices and items to add/remove from the list.

6. Run the App:

- Use a loop to keep the app running until the user decides to exit.

7. Test the Application:

- Test the various functionalities to ensure they work as intended.

8. Enhance (Optional):

- Add features like saving the list to a file and loading it when the app starts.

Example Code Snippet:

Here's a simple starting point for your `todo.py`:

```
todo_list = []

def display_todos():
    if not todo_list:
        print("Your to-do list is empty.")
    else:
```

Next Steps:

After you have a working version, consider adding features like saving your to-do list to a file or loading it at startup, or even creating a simple GUI with `tkinter`. Enjoy coding!