

To-Do List Project (CODSOFT Internship)

■ Python Program (todo_list.py)

```
# To-Do List Project (CODSOFT Internship)
```

```
tasks = []
```

```
def show_menu():
    print("\n===== TO-DO LIST MENU =====")
    print("1. Add Task")
    print("2. View Tasks")
    print("3. Mark Task as Done")
    print("4. Delete Task")
    print("5. Exit")
```

```
while True:
    show_menu()
    choice = input("Enter your choice (1-5): ")
```

```
    if choice == '1':
        task = input("Enter task: ")
        tasks.append({"task": task, "done": False})
        print(f"Task '{task}' added successfully!")
```

```
    elif choice == '2':
        if not tasks:
            print("No tasks available.")
        else:
            print("\nYour Tasks:")
            for i, t in enumerate(tasks, start=1):
                status = "✓■ Done" if t["done"] else "■ Pending"
                print(f"{i}. {t['task']} [{status}])")
```

```
    elif choice == '3':
        task_no = int(input("Enter task number to mark as done: "))
        if 0 < task_no <= len(tasks):
            tasks[task_no-1]["done"] = True
            print("Task marked as done!")
        else:
            print("Invalid task number.")
```

```
    elif choice == '4':
        task_no = int(input("Enter task number to delete: "))
        if 0 < task_no <= len(tasks):
            removed = tasks.pop(task_no-1)
            print(f"Task '{removed['task']}' deleted successfully!")
        else:
            print("Invalid task number.")
```

```
    elif choice == '5':
        print("Exiting To-Do List... Goodbye!")
        break
    else:
```

```
print("Invalid choice. Try again.")
```

■ README Explanation (README.md)

To-Do List Project

This project is created as part of my CODSOFT Python Internship.

■ Features

- Add new tasks
- View all tasks
- Mark tasks as completed
- Delete tasks

■ How to Run

1. Install Python (3.x) on your system.
2. Download the file `todo_list.py`.
3. Run it in terminal or VS Code using:
python todo_list.py

■ Example

===== TO-DO LIST MENU =====

1. Add Task
2. View Tasks
3. Mark Task as Done
4. Delete Task
5. Exit

■ Skills Used

- Python (Loops, Lists, Dictionaries, Functions)
- File Management on GitHub