

## **Project Question: Build a Console-Based To-Do List Application in Python**

Write a Python program that manages a simple to-do list using Object-Oriented Programming (OOP).

Your program must define a class called ToDolist that allows users to:

- 1.Add a task to the list
- 2. Remove a task by its name
- 3. Display all tasks with their completion status (Done / Not Done)
- 4. Mark a task as completed by selecting its number from the displayed list
- 5. Exit the program when finished

## Each task should be stored as a dictionary with two keys:

- "task" the task description
- "done" a boolean indicating whether the task is completed (True or False)

You must use a menu-driven interface inside a loop that continues running until the user chooses to exit.

## The program must include:

 A class ToDolist with methods: add\_task(), remove\_task(), display\_tasks(), and mark\_complete().



- A main() function that handles user input and menu interaction.
- Proper print statements to confirm each operation (e.g., "Task added successfully").

## Goal:

The user should be able to manage a basic task list entirely through the terminal.