

Problem Statement:

Time management is a crucial aspect of personal and professional productivity. Many individuals struggle to keep track of their tasks, leading to missed deadlines and unorganized workflows. To address this issue, you are tasked with developing a Simple To-Do List Management System that enables users to add, remove, and view their tasks efficiently.

Coding:

```
def display_menu():
    """Displays the menu options."""
    print("\nOptions:")
    print("1. Add Task")
    print("2. Remove Task")
    print("3. View Tasks")
    print("4. Exit")

def add_task(tasks):
    """Adds a task to the to-do list."""
    task = input("Enter a task: ").strip()
    if task and task not in tasks:
        tasks.append(task)
        print(f"Task '{task}' added.")
    else:
        print("Invalid or duplicate task.")

def remove_task(tasks):
    """Removes a task from the to-do list."""
    if not tasks:
        print("No tasks to remove.")
        return

    view_tasks(tasks)
    try:
        index = int(input("Enter the task number to remove: ")) - 1
        if 0 <= index < len(tasks):
            removed_task = tasks.pop(index)
            print(f"Task '{removed_task}' removed.")
        else:
            print("Invalid task number.")
    except ValueError:
        print("Please enter a valid number.")
```

```

def view_tasks(tasks):
    """Displays all tasks in the to-do list."""
    if not tasks:
        print("No tasks available.")
    else:
        print("\nTo-Do List:")
        for i, task in enumerate(tasks, 1):
            print(f"{i}. {task}")

def main():
    """Main function to run the to-do list management system."""
    tasks = []
    while True:
        display_menu()
        choice = input("Select an option (1-4): ")
        if choice == "1":
            add_task(tasks)
        elif choice == "2":
            remove_task(tasks)
        elif choice == "3":
            view_tasks(tasks)
        elif choice == "4":
            print("See You Later !")
            break
        else:
            print("Invalid choice. Please select a valid option.")

if __name__ == "__main__":
    main()

```

Output:

Options:

1. Add Task
2. Remove Task
3. View Tasks
4. Exit

Select an option (1-4): 1

Enter a task: Finish CC Lab

Task 'Finish CC Lab' added.

Options:

1. Add Task
2. Remove Task
3. View Tasks
4. Exit

Select an option (1-4): 3

To-Do List:

1. Finish CC Lab

Options:

1. Add Task
2. Remove Task
3. View Tasks
4. Exit

Select an option (1-4): 4

Goodbye!