To-Do List Manager Documentation

Welcome to the To-Do List Manager! This simple Java application helps you organize your tasks efficiently. Below, you'll find an overview of the application, instructions on how to run it, special instructions for using its features, and an explanation of the code comments for better understanding.

Overview:

The To-Do List Manager is a straightforward tool designed to assist you in managing your tasks. It allows you to add new tasks, mark them as completed, and view the list of tasks along with their status. This application serves as a practical project for Java development interns to practice Java programming and application development.

How to Run the Application:

1. **Prerequisites:**

   - Java Development Kit (JDK) installed on your machine.

2. **Download the Code:**

   - Download the Java code for the To-Do List Manager from GitHub Repository.

3. **Compile the Code:**

   - Open a terminal or command prompt.
   - Navigate to the directory containing the downloaded code.
   - Compile the code using the following command:
        javac To_do_list.java

4. **Run the Application:**
   - Run the compiled code with the following command:
        java ToDoList

5. **Use the To-Do List Manager:**
   - Follow the on-screen menu to perform actions such as adding tasks, marking tasks as completed, and displaying the list of tasks.
   - Enter the corresponding numbers for each menu option.

Special Instructions:

- **Adding Tasks:**
    - Choose option 1 to add a new task.
    - Enter a task description when prompted.
- **Marking Tasks as Completed:**
    - Choose option 2 to mark a task as completed.
    - Select the task number from the displayed list.
    - Completed tasks will be labeled as "Completed" in the list.
- **Displaying Tasks:**
    - Choose option 3 to display the list of tasks.
    - The list shows task numbers, descriptions, and their status (completed or pending).
- **Exiting the Application:**
    - Choose option 4 to exit the To-Do List Manager.

Code Comments:

The Java code is well-commented to make it easy to understand. Each method and significant code block has comments explaining the logic and purpose. Feel free to explore and modify the code to enhance the To-Do List Manager according to your learning needs.

Happy organizing!