**Code**

import java.util.ArrayList;

import java.util.Scanner;

class Task {

String description;

boolean isCompleted;

Task(String description) {

this.description = description;

this.isCompleted = false;

}

}

public class ToDoListApp {

private ArrayList<Task> tasks = new ArrayList<>();

// Method to add a task

public void addTask(String taskDescription) {

tasks.add(new Task(taskDescription));

System.out.println("Task added successfully ✅");

}

// Method to delete a task

public void deleteTask(int index) {

if (index >= 0 && index < tasks.size()) {

tasks.remove(index);

System.out.println("Task deleted successfully ❌");

} else {

System.out.println("Invalid task number!");

}

}

// Method to mark a task as complete

public void markTaskComplete(int index) {

if (index >= 0 && index < tasks.size()) {

tasks.get(index).isCompleted = true;

System.out.println("Task marked as complete ✅");

} else {

System.out.println("Invalid task number!");

}

}

// Method to display tasks

public void displayTasks() {

if (tasks.isEmpty()) {

System.out.println("No tasks in the list.");

} else {

System.out.println("\nYour To-Do List:");

for (int i = 0; i < tasks.size(); i++) {

Task t = tasks.get(i);

String status = t.isCompleted ? "[✔]" : "[ ]";

System.out.println(i + ". " + status + " " + t.description);

}

}

}

// Main Program

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

ToDoListApp app = new ToDoListApp();

int choice;

do {

System.out.println("\n--- To-Do List Menu ---");

System.out.println("1. Add Task");

System.out.println("2. Delete Task");

System.out.println("3. Mark Task Complete");

System.out.println("4. Display Tasks");

System.out.println("5. Exit");

System.out.print("Enter your choice: ");

choice = sc.nextInt();

sc.nextLine(); // consume newline

switch (choice) {

case 1:

System.out.print("Enter task description: ");

String desc = sc.nextLine();

app.addTask(desc);

break;

case 2:

System.out.print("Enter task number to delete: ");

int del = sc.nextInt();

app.deleteTask(del);

break;

case 3:

System.out.print("Enter task number to mark complete: ");

int comp = sc.nextInt();

app.markTaskComplete(comp);

break;

case 4:

app.displayTasks();

break;

case 5:

System.out.println("Exiting... Goodbye 👋");

break;

default:

System.out.println("Invalid choice! Try again.");

}

} while (choice != 5);

sc.close();

}

}

**Output:-**





