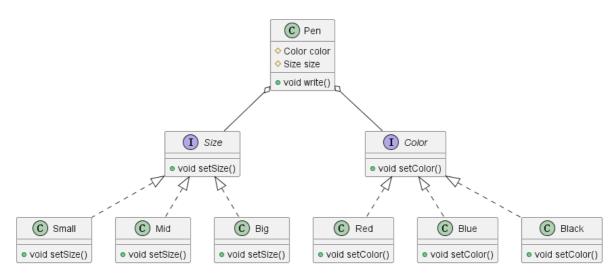
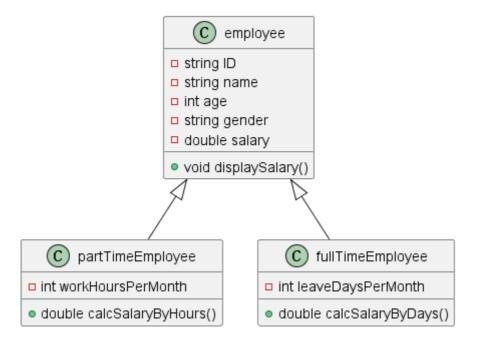
第一次作业

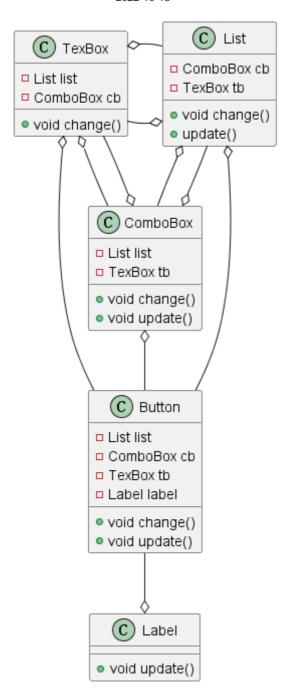
1 重构后的类图如下



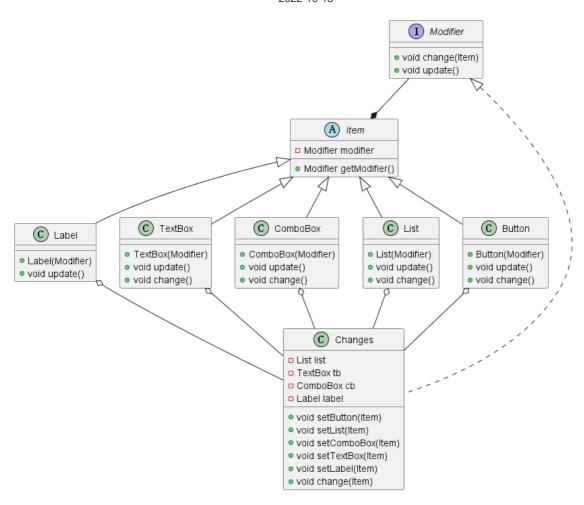
2 违反了单一职责原则,重构后的类图如下



3.1 原始类图如下



3.2 重构后的类图如下



4 重构后的类图如下

