

# Assignment 10

516030910259 **Xinpeng Liu**

## 10.1

1. When a process that will access the old file will finally access the new file, which can result in unknown mistakes.
2. When a process tries to access a deleted file through a link, delete the link.

## 10.2 .

1. It should maintain one centralized open-file table. Because for a file, it should be deleted only when all the processes accessing it close it. This check can be implemented only with a centralized open-file table.
2. Yes.

**10.3** Advantages: It's safer and easier to keep the synchronization of the files accessed by different programs.

Disadvantages: It limits the flexibility, decreases the utilization and increases the time of accessing files.