

### Resolving Overallocations Using Resource Leveling

*Resource leveling* automatically resolves resource overallocations by delaying the start dates of certain tasks to which that resource is assigned. Leveling may not always be a good solution because this method can only delay tasks, which will extend the project finish date. Also, if your schedule is complex and includes constraints and complex dependencies, gaps will appear after you level, and you will have to manually reconfigure various components of your project. Leveling is best demonstrated with a simple project, as shown in **Figure 4-15**. This project consists of five tasks with no relationships between tasks. The Writer is scheduled to do the first three tasks at the same time and the Designer is scheduled to do the last two tasks at the same time.

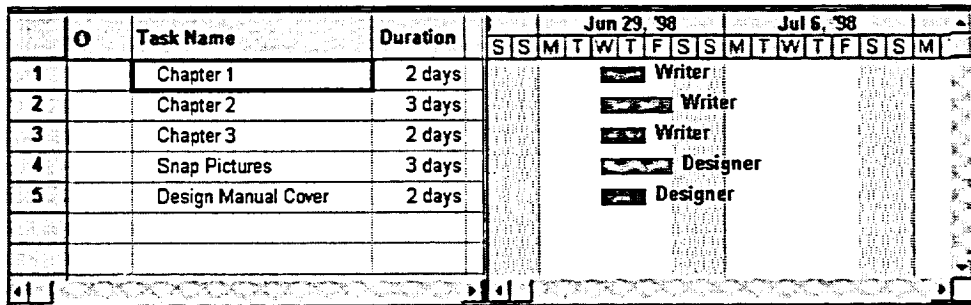


Figure 4-15: A Simple Project