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Credit Name: Chapter 11

Assignment Name: FindAndReplace

How has your program changed from planning to coding to now? Please explain?

Initially, my plan for the Find and Replace program was simple: replace a word or phrase in a file. However, as I started coding, I realized the need for better file handling and error management. One of the biggest changes was adding a temporary file to safely modify the content before replacing the original file. This avoided potential data corruption, which I hadn't considered at first.

I also added error handling with try-catch blocks to manage issues like missing or unreadable files. This made the program more robust and user-friendly.

This code ensures the original file is only deleted after the process completes successfully:

```
        writer.newLine();  
    }  
    if (inputFile.delete()) {  
        tempFile.renameTo(inputFile);  
    }
```

Overall, the program improved significantly from the planning stage by adding important features like file safety and error handling. This project taught me to anticipate challenges and create a more reliable application.