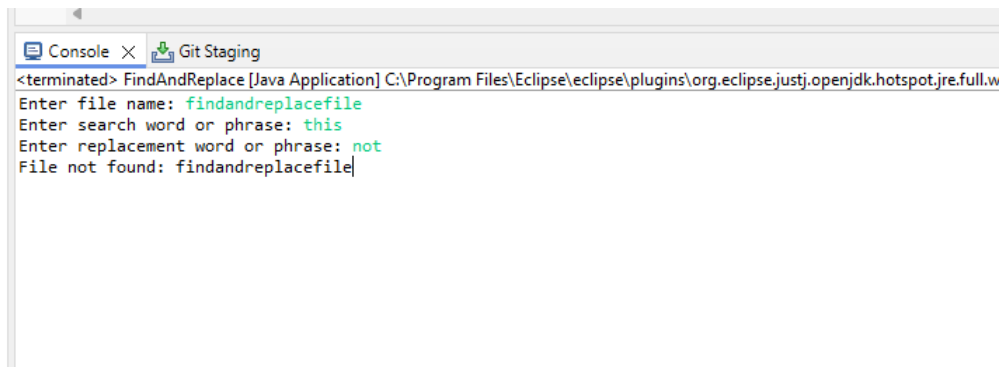


1. File Not Found



The screenshot shows the Eclipse IDE's console window. The title bar includes 'Console' and 'Git Staging'. The console text shows a Java application running 'FindAndReplace'. It prompts for a file name, search word, and replacement word. The user entered 'findandreplacefile', 'this', and 'not' respectively. The final output is 'File not found: findandreplacefile'.

```
<terminated> FindAndReplace [Java Application] C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.w
Enter file name: findandreplacefile
Enter search word or phrase: this
Enter replacement word or phrase: not
File not found: findandreplacefile|
```

- **Error:** File not found: <file name>
- **Cause:** The file wasn't in the same working directory as the program. You found the actual path of the file from within its properties.
- **Solution:** Use the full file path, for example, `C:/Users/YourName/Documents/file.txt`, or ensure the file is in the same directory as the program.

2. Package Declaration Issue

- **Error:** Error: package chapter11 does not exist.
- **Cause:** The file wasn't in a folder named `chapter11`, but the code declared `package chapter11;`.
- **Fix:** Either move the file into a folder named `chapter11` or remove the `package chapter11;` line if packaging isn't required.

3. Replace All Misinterpretation

- **Error:** `java.util.regex.PatternSyntaxException`
- **Cause:** The `replaceAll()` method treated the search term as a regular expression. If the term contained special characters, it threw an error.
- **Fix:** Escape the special characters in the search term by treating it as a plain string.

4. Access Denied While Writing

- **Error:** `IOException: Permission denied` or `AccessDeniedException`

- **Cause:** The program did not have permission to write to the file or folder.
- **Fix:** Grant write permissions to the file or folder, or run the program as an administrator.

5. Empty File or No Changes

- **Error:** The file content didn't change after running the program.
- **Cause:** The search term wasn't found in the file.
- **Fix:** Notify the user if no matches are found and verify the search term is correct.

6. Potential Resource Leak

- **Error:** Warning about not closing `BufferedReader` or `BufferedWriter`.
- **Cause:** File readers/writers weren't closed properly if an exception occurred.
- **Fix:** Use a `try-with-resources` block to ensure the streams are always closed.

7. File Encoding Issue

- **Error:** Unexpected characters appeared in the output.
- **Cause:** The file used an encoding format different from the program's default (e.g., UTF-16 vs. UTF-8).
- **Fix:** Specify proper encoding when reading or writing the file.