Algorithm For file handling :

1. Start the main function.

2. Initialize the fileName variable with the value "New.txt".

3. Initialize the contentToWrite variable with the value "This is a new line.".

4. Initialize the contentToAppend variable with the value "File content after appending.".

5. Start a try-catch block for the FileWriter to write to the file.

6. Create a FileWriter object with the fileName.

7. Write "This is the first line." to the file.

8. Write the contentToWrite to the file.

9. Close the writer.

10. Print "Successfully read from the file."

11. If an IOException occurs, print "An error occurred while writing to the file." and print the

stack trace.

12. Start a try-catch block for the BufferedReader to read from the file.

13. Create a BufferedReader object with a FileReader object initialized with the fileName.

14. Initialize a line variable.

15. Read lines from the file until the end of the file is reached.

16. Print each line.

17. Close the reader.

18. If an IOException occurs, print "An error occurred while reading from the file." and print

the stack trace.

19. Start a try-catch block for the FileWriter to append to the file.

20. Create a FileWriter object with the fileName and the append mode set to true.

21. Write a newline character followed by the contentToAppend to the file.

22. Close the writer.

23. Print "Successfully appended to the file."

24. If an IOException occurs, print "An error occurred while appending to the file." and print

the stack trace.

25. End the main function.