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// Program for searching files in the directory
// Import io so we can use file objects
import java.io.*;

public class searchfile {
    public static void main(String args[]) {
        try {
            // Open the file c:\test.txt as a buffered reader
            BufferedReader bf = new BufferedReader(new
FileReader("test.txt"));

            // Start a line count and declare a string to hold our
current line.
            int linecount = 0;
            String line;

            // Let the user know what we are searching for
            System.out.println("Searching for " + args[0] + " in
file...");

            // Loop through each line, stashing the line into our
line variable.
            while (( line = bf.readLine()) != null)
            {
                // Increment the count and find the index of the
word
                linecount++;
                int indexfound = line.indexOf(args[0]);

                // If greater than -1, means we found the word
                if (indexfound > -1) {
                    System.out.println("Word was found at
position " + indexfound + " on line " + linecount);
                }
            }

            // Close the file after done searching
            bf.close();
        }
        catch (IOException e) {
            System.out.println("IO Error Occurred: " +
e.toString());
        }
    }
}

```