

## Assignment 13

```
import java.io.BufferedReader;

import java.io.FileReader;

import java.util.ArrayList;

import java.util.Arrays;

import java.util.List;


public class Main {

    private static final List<String> search_word = Arrays.asList("Buff");

    private static void searchFile(String filepath) {

        try {

            BufferedReader reader = new BufferedReader(new FileReader(filepath));

            String line;

            while ((line = reader.readLine()) != null) {

                for (String word : search_word) {

                    if (line.contains(word)) {

                        System.out.println("Found '" + word + "' in file '" + filepath + "': " + line);

                    }

                }

            }

        } catch (Exception e) {

            e.printStackTrace();

        }

    }

    public static void main(String[] args) {

        if (args.length < 1) {

            System.out.println("Error: No files specified");

        }

    }

}
```

```

        return;
    }

    List<Thread> threads = new ArrayList<>();
    for (String filepath : args) {
        Thread thread = new Thread(() -> searchFile(filepath));
        threads.add(thread);
        thread.start();
    }
    for (Thread thread : threads) {
        try {
            thread.join();
        } catch (InterruptedException e) {
            e.printStackTrace();
        }
    }
}

```

## Output

```

> java Main report.txt address.txt
Found 'Buff' in file 'address.txt': is where Warren Buffett started his business.
Found 'Buff' in file 'report.txt': By definition, a Buffet is a meal where

```