**JAC444 Workshop 8: Thread Programming**

Note: You will not receive any marks for doing this workshop.

**Multiple Threads Without Data Sharing:**

Create a multi-threaded application that uses threads to search the following two-dimensional array of strings:

String [][] data = {

{ "java", "I love java", "c++", "python" },

{ "c programs", "cookies", "java developers", "oops"},

{ "john", "doe", "mary", "mark holmes"},

{ "hello java java", "byebye", "java again?", "what?"},

{ "toronto", "montreal", "quebec city", "calgary"}

};

The main method (not the threads) in the application produces the following output:

java: I love java:

java developers:

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hello java java: java again?:

\*\*\*

total: 5

**Notes**

1. **The search word is "java". The value of total is the total number of strings that contain the search word.**
2. **Use an ArrayList object to store the strings that contain the search word.**
3. **Declare the search word as a static variable in a Java class.**