

# Assignment 1 - Questions

## Input Questions

- Are we guaranteed that "QUIT" will be the last line of an input file?
- By "letters", do you refer to the characters represented by Unicode code points U+0041-U+005a, inclusive and U+0061-U+007a, inclusive?
- What is the encoding of the input? UTF-7? UTF-16? Custom format?
- What is the desired output of the input "ááá"? Specifically, should diacritics be thrown out and "\u0061\u0300" be parsed as "a", or should both characters be thrown out?

## Output Questions

- Is it acceptable to return an empty string due to the processing of "QUIT" as input?
- What is the desired output format? Is it: `String.join(" ", resultStream)`? i.e. Should there be space or newlines at the end?
- Is the desired output file `stdout` aka `System.out`?
- Should we report repeated palindromes? For example, should the input "abaaba", produce the output "abaaba aba aba"?

## Coding Questions

- Are there prohibited imports?
- What sort of APIs/tools can we expect the TAs to have? Apache Commons? Guava?
- Is use of `StringBuffer` instead of `StringBuilder` acceptable if presenting a threaded solution?
- Are you a Single Entry Single Exit for Java person, and will you impose that on us students?

## Style Questions

- What naming conventions should we follow for Classes? Variables?
- Are you tolerant of `import java.util.*;`?
- Which horizontal spacing is more preferable:
  - `if (null == new String ()) { System.out.println ("ok."); }`
  - `if (null == new String()) { System.out.println("ok."); }`
- Tabs or spaces? If spaces, how many?
- 79, 80, 100, or no character line limit?

## Grading Questions

- How will our project be built? Maven? Ant? Make? What is the build configuration?
- What tools will grade our project? JUnit? STDOUT redirect to java?
- Are there other file requirements other than needing a `PalFinder.java` file?
- Can we include custom build options, i.e. if the grader uses ant, we include our own XML, if the grader uses Maven we include a POM, etc.?