

Intro to Maven and Junit

Warm-up

Questions (10 min)

Start time:

Consider the following Java method:

```
1  /*
2   * Finds the maximum length of duplicate consecutive characters
3   * 'abc' -> 1
4   * 'aa' -> 2
5   * 'aabbb' -> 3
6   */
7  public int maxBlock(String str) {
8      int largestBlockSize = 1;
9      int currentBlockSize = 1;
10     char lastChar = str.charAt(0);
11
12     for(int i = 1; i < str.length(); i++) {
13         char currentChar = str.charAt(i);
14         largestBlockSize = Math.max(largestBlockSize, currentBlockSize);
15         currentBlockSize =
16             (currentChar == lastChar ? currentBlockSize+1 : 1);
17         lastChar = currentChar;
18     }
19     return largestBlockSize;
20 }
```

1. Provide tests for the provided code (You may consider categorizing them like we did last class with sequences):

¹To access the in-class assignment, go to: <https://classroom.github.com/a/4026OMRf>