Intro to Maven and Junit

Warm-up

Questions (10 min)   **Start time:**

Consider the following Java method:

```java
/*
 * Finds the maximum length of duplicate consecutive characters
 * 'abc' -> 1
 * 'aa' -> 2
 * 'aabbb' -> 3
 */
public int maxBlock(String str) {
    int largestBlockSize = 1;
    int currentBlockSize = 1;
    char lastChar = str.charAt(0);

    for(int i = 1; i < str.length(); i++) {
        char currentChar = str.charAt(i);
        largestBlockSize = Math.max(largestBlockSize, currentBlockSize);
        currentBlockSize =
                (currentChar == lastChar ? currentBlockSize+1 : 1);
        lastChar = currentChar;
    }
    return largestBlockSize;
}
```

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

[Answer may vary]
null
empty string
'a'
'aa'
'abc'
'aabbb'
'bbbaa'
'aabbbaa'

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