SAT: More Practice with Specification-based Testing

1. A method called `letterGrade` takes a score as double and returns 'A' for scores in the range [90,100], 'B' for scores in the range [80,90), 'C' for scores in the range [70,80), 'D' for scores in the range [60,70), 'F' for scores in the range [0,60) or throws illegal argument exception otherwise. Use specification-based testing to create a suitable test suite for this method.

2. A method called `swapCase` swaps the case of a String using a word based algorithm: Upper case character converts to Lower case and Lower case character converts to Upper case. Use specification-based testing to create a suitable test suite for this method.

3. Use specification-based testing to create a suitable test suites for the following CodingBat methods: `maxSpan`, `canBalance` and `countClamps`

Link: https://codingbat.com/java/Array-3