

I did not use JUnit to test the hangman method so the images of my tests are shown below

<u>Method</u>	<u>Tester</u>
<ul style="list-style-type: none"> • replaceFirstK() 	testReplaceFirstK() <ul style="list-style-type: none"> • Requires test for 0 (no) occurrence • Requires test for 1 occurrence • Requires test for 3(many) occurrences • Requires test for first character of string • Requires test for middle character replacement with more than one replacements • Requires test for last character replacement
<ul style="list-style-type: none"> • allChars() 	testAllChars() <ul style="list-style-type: none"> • Requires test for 0 when it is the same start and end character • Requires test for 1 for start and end characters being next to each other • Requires test for many--for start and end characters apart with few characters
<ul style="list-style-type: none"> • showCharOfString() 	testShowCharOfString() <ul style="list-style-type: none"> • Test for first character of string • Test the middle characters of the string • Test the last character of the string
<ul style="list-style-type: none"> • Hangman() 	<ul style="list-style-type: none"> • Requires test for 0 guesses(error is shown since you can not have 0 guesses) <pre>> HW2.hangman("isha", 0) Maximum number of bad guess can not be less than 1. Enter maximum number of bad guess allowed: <input type="text" value="3"/></pre> <pre>i____ is__ is_a isha true</pre> • Requires test for 1 max guess(after one letter is guessed wrong the method returns false) <pre>> HW2.hangman("isha", 1) i____ Max guess letter tries reached. i____ false</pre>

	<ul style="list-style-type: none"> Requires test for many guesses (example below with 3 guesses) <pre> > HW2.hangman("isha", 3) ____ i____ is__ ish_ isha true </pre> <ul style="list-style-type: none"> Requires test for when middle letter in the word is entered such as h <pre> > HW2.hangman("isha", 3) ____ _h_ __ha Number of Bad Guess 1, 2 tries remaining __ha _sha Number of Bad Guess 2, 1 tries remaining _sha Max guess letter tries reached. _sha false </pre>
<ul style="list-style-type: none"> hiddenString() 	testHiddenString() <ul style="list-style-type: none"> Test for first occurrence forward Test for first occurrence backward Test for middle occurrence forward Test for middle occurrence backward Test for last occurrence forward Test for last occurrence backward

<ul style="list-style-type: none"> ● hiddenString() 	testHiddenString2() <ul style="list-style-type: none"> ● Test for first occurrence right ● Test for first occurrence left ● Test for middle occurrence right ● Test for middle occurrence left ● Test for last occurrence right ● Test for last occurrence left ● Test for diagonal occurrence ● Test for down occurrence
<ul style="list-style-type: none"> ● capitalizeWord() 	testcapitalizeWords() <ul style="list-style-type: none"> ● test first words capitalized ● test middle words capitalized ● test last word capitalized