

Sample Document:

Hello world! My name is Alice and I have 1 dog named Jasper. Jasper loves running around.

Test Cases

Test #	Input	Expected Output	Actual Output	Reason
1	String replacing: Jasper String replacing with: Clover	Replaced Jasper with Clover 2 times. Document: Hello world! My name is Alice and I currently own 1 dog named Clover. Clover loves running around. Enter the string to replace:	Replaced Jasper with Clover 2 times. Document: Hello world! My name is Alice and I currently own 1 dog named Clover. Clover loves running around. Enter the string to replace:	This is just to test to see if the program replaces the right word with the word passed in.
2	String replacing: Thanks String replacing with: Sincerely	. . . (Prints out a dot on a new line N-times until child is killed. Once child is killed from separate terminal, prompts user for string to replace and string to replace with.) Document: Hello world! My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	. . . (N-times) Document: Hello world! My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	This is to see if the child program will continuously print a dot on a new line when it cannot find the word to replace inside of the document. Then when the child is killed the parent process should not be killed and should prompt the user for the next string to enter.
3	String replacing: !wq	Good bye.	Good bye.	Test to see if the parent process

				terminates upon receiving the string: !wq
4	String replacing: 1 String replace with: one	Replaced 1 with one 1 times. Document: Hello world! My name is Alice and I have one dog named Jasper. Jasper loves running around. Enter the string to replace:	Replaced 1 with one 1 times. Document: Hello world! My name is Alice and I have one dog named Jasper. Jasper loves running around. Enter the string to replace:	Test to see if string replacement works for numbers.
5	String replacing: world String replace with: universe	Replaced world with universe 1 times. Document: Hello universe! My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Replaced world with universe 1 times. Document: Hello universe! My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Test to see if replacing strings next to punctuation still works.
6	String replacing: ! String replace with: .	Replaced ! with . 1 times. Document: Hello world. My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Replaced ! with . 1 times. Document: Hello world. My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Test to see if it can replace punctuation with another punctuation.
7	String replacing: Hello world! String replace with: What's up?	Replaced Hello world! with What's up? 1 times. Document: What's up? My name is Alice and I have 1 dog named	Replaced Hello world! with What's up? 1 times. Document: What's up? My name is Alice and I have 1 dog named	Test if the program can replace multiple words with multiple words.

		Jasper. Jasper loves running around. Enter the string to replace:	Jasper. Jasper loves running around. Enter the string to replace:	
8	String replacing: Hello world String replace with: Hi	Replaced Hello world with Hi 1 times. Document: Hi! My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Replaced Hello world with Hi 1 times. Document: Hi! My name is Alice and I have 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Test if the program can replace multiple words with one word
9	String replacing: have String replace with: currently own	Replaced have with currently own 1 times. Document: Hello world! My name is Alice and I currently own 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Replaced have with currently own 1 times. Document: Hello world! My name is Alice and I currently own 1 dog named Jasper. Jasper loves running around. Enter the string to replace:	Test if the program can replace one word with multiple words