

RASM-3

Due Oct 28 by 3:30pm **Points** 100 **Submitting** a file upload **Available** until Oct 28 at 3:30pm

This assignment was locked Oct 28 at 3:30pm.

[CS 3B RASM3.docx](#)

[CS3B RASM3 short list.docx](#)

Upload your .s file and a screen shot running the values shown.

s/

Prof. B.

Get the following strings from the user:

s1 = "Cat in the hat."

s2 = "Green eggs and ham."

s3 = "cat in the hat."

Test the following in order:

```
1. s1.length() = 15
   s2.length() = 19
   s3.length() = 15
```

```
2. String_equals(s1,s3) = FALSE
```

```
3. String_equals(s1,s1) = TRUE
```

```
4. String_equalsIgnoreCase(s1,s3) = TRUE
```

```
5. String_equalsIgnoreCase(s1,s2) = FALSE
```

```
4 = String_copy(s1)
1 = Cat in the hat.
s4 = Cat in the hat.
```

```
7. String_substring_1(s3,4,14) = "in the hat"
```

8. `String_substring_2(s3,7) = "the hat."`

9. `String_charAt(s2,4) = 'n'`

10. `String_startsWith_1(s1,11,"hat.") = TRUE`

11. `String_startsWith_2(s1,"Cat") = TRUE`

12. `String_endsWith(s1,"in the hat.") = TRUE`

13. `String_indexOf_1(s2,'g') = 7`

14. `String_indexOf_2(s2,'g',9) = -1`

15. `String_indexOf_3(s2,"eggs") = 6`

16. `String_lastIndexOf_1(s2,'g') = 8`

17. `String_lastIndexOf_2(s2,'g',6) = -1`

18. `String_lastIndexOf_3(s2,"egg") = 6`

19. `String_replace(s1,'a','o') = "Cot in the hot."`

20. `String_toLowerCase(s1) = "cot in the hot."`

21. `String_toUpperCase(s1) = "COT IN THE HOT."`

22. `String_concat(s1, " ");` [_\(http://beginnersbook.com/2013/12/java-string-concat-method-example/\)_](http://beginnersbook.com/2013/12/java-string-concat-method-example/)
`String_concat(s1, s2)` [_\(http://beginnersbook.com/2013/12/java-string-concat-method-example/\)_](http://beginnersbook.com/2013/12/java-string-concat-method-example/) = "COT IN THE HOT. Green eggs and ham."

