

## Tests:

- 1 Tests the constructors
- 2 Tests the length operation
- 3 Tests the subscript operation
- 4 Tests the assignment and clear operations
- 5 Tests the copy constructor and operator= operations
- 6 Tests the toUpper and toLower operations <Active : In-lab Exercise 2>
- 7 Tests the relational operations <Active : In-lab Exercise 3>

Select the test to run : 1

## Structure of various text objects:

text object: alpha

alpha

text object: epsilon

epsilon

text object: a

a

empty text object

Press any key to continue . . .

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Select the test to run : 2

## Lengths of various text object:

alpha : 5  
epsilon : 7  
a : 1  
empty : 0

Press any key to continue . . . \_

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Select the test to run : 3

Enter a subscript : 3

alpha[3] : h

Press any key to continue . . . \_

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Select the test to run : 4

## Assignments:

assignText = alpha

alpha

assignText = a

a

assignText = empty

assignText = epsilon

epsilon

assignText = assignText

epsilon

assignText = alpha

alpha

Clear assignText

Confirm that alpha has not been cleared

alpha

Press any key to continue . . .

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Select the test to run : 5

## Calls by value:

alpha before call

alpha

Copy of text object

alpha

Clear copy

alpha after call

alpha

a before call

a

a after call

epsilon

epsilon after call

epsilon

Press any key to continue . . .

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Select the test to run : 6

Testing toUpper and toLower. Enter a mixed case string:

Hello

Input string:

Hello

Upper case copy:

HELLO

Lower case copy:

hello

Press any key to continue . . . \_

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Select the test to run : 7

left	right	<	==	>
alpha	epsilon	1	0	0
epsilon	alpha	0	0	1
alpha	alpha	0	1	0
alp	alpha	1	0	0
alpha	alp	0	0	1
a	alpha	1	0	0
alpha	a	0	0	1
empty	alpha	1	0	0
alpha	empty	0	0	1
empty	empty	0	1	0

Press any key to continue . . . \_