

PS 3: Problem 1

1-1

w	scored_words
'LCs'	[['s', 'LCs'],
'are'	[['s', 'LCs'], ['e', 'are'],
'so'	[['s', 'LCs'], ['e', 'are'], ['o', 'so'],
'cool'	[['s', 'LCs'], ['e', 'are'], ['o', 'so'], ['l', 'cool']

1-2 value assigned to best_pair

['s', 'LCs']

1-3 value returned by mystery1

'LCs'

1-4

mystery2('bonbon')

s = 'bonbon'

result_rest = mystery2('onbo') = 'ooXn'

return 'ooXnb'

mystery2('onbo')

s = 'onbo'

result_rest = mystery2('nb') = 'Xn'

return 'ooXn'

mystery2('nb')

s = 'nb'

result_rest = mystery2('') = 'X'

return 'Xn'

mystery2('')

s = ''

base case!

return 'X'

1-5

'ooXnb'