

# CSC373 - Problem Set 3

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## Question 1

## Question 2

## Question 3

- a. Let  $y = \text{Green}$   
Let  $x = \text{El}$   
Let  $z = \text{Greelen}$

The greedy algorithmn would take the 'Gree' portion of  $z$  and remove that from  $y$  such that  $y = \text{en}$ . What remains is  $x = \text{el}$ ,  $y = \text{en}$ ,  $z = \text{len}$ , and from there, the greedy algorithm cannot continue further and must return false.