

# CSC148 Worksheet 2 Solution

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## Question 1

Relevant Property	Values to Try
The position of $\langle n1 \rangle$ in $lst$	front, back, somewhere else
The position of $\langle n1 \rangle$ after insertion	front, back, and somewhere else
• The position of $\langle n2 \rangle$ beside $\langle n1 \rangle$ after insertion	front, back and somewhere else
Size of $lst$	- Size of $lst$ after insertion - Size of list before insertion

### Correct Solution:

Relevant Property	Values to Try
The position of $\langle n1 \rangle$ in $lst$	front, back, somewhere else
Length of list	0,1,'small' value
Number of occurrences of $lst$	0,1,'small' value,every value in $lst$ is $\langle n1 \rangle$
$\langle n1 \rangle == \langle n2 \rangle$	true, false

## Question 2

## Question 3