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Questions 2-3

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Question 2

1/1 point (graded)

Is this self-referential type comment well-formed?


```
;; ListOfNumber is one of:  
;; - (cons Number ListOfNumber)
```

✓ **Answer:** no

Explanation

Although it has a self-referential case, it does not have a base case, so it is not well formed.

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Question 3

1/1 point (graded)

Is this self-referential type comment well-formed?

```
;; NonEmptyListOfNumber is one of:  
;; - (cons Number empty)  
;; - (cons Number NonEmptyListOfNumber)
```

✓ **Answer:** yes

Explanation

This is a type comment for a non-empty list - a list that at it's shortest just has a single element. It is well-formed because it has both a base case which has no self-reference: `(cons Number empty)`, and a self-referential case: `(cons Number NonEmptyListOfNumber)`.

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