## Quiz 8 Solution

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1. What would scheme\_read return?

```
(+ 2 3)
Pair('+', Pair(2, Pair(3, nil)))
'(1 2 3)
Pair('quote', Pair(Pair(1, Pair(2, Pair(3, nil))), nil))
(1 . 2)
Pair(1, 2)
3
3
(1 (2 3))
Pair(1, Pair(Pair(2, Pair(3, nil)), nil))
(1 . (3 2))
Pair(1, Pair(3, Pair(2, nil)))
('hi . 3 4)
SchemeError
```

2. Write a function map that is tail recursive. It should take in a list 1st and a function fn, and apply the function onto every element in the list.