CSCE 531 Spring 2007
Quiz 12
Assigned Friday, 07-04-20

Consider the following Lisp function:

```
(label rember (lambda (a lat)
  (cond
    ((null. lat) '())
    ((eq (car lat) a) (cdr lat))
    ('t (cons (car lat) (rember a (cdr lat)))))))
```

1. What is (rember 'foo '())? **Answer:** ()

2. What is (rember 'foo '(foo bar))? **Answer:** (bar)

3. What is (rember 'foo '(bar foo goo))? **Answer:** (bar goo)

4. In your words, what does `rember` do? (Hint: "lat" stands for "list of atoms.") **Answer:** It removes all occurrences of the first argument (an atom) from the second argument (a list of atoms).