CSCE 330 Fall 2000

QUIZ 21

Assigned Monday 00/10/30

These functions are both incorrect. What is the error?

```
fun member (x, nil) = nil
|   member (x, x::xs) = true
|   member (x, y::ys) = member (x, ys);

fun comb(n,0) = 1
|   comb(n,n) = 1
|   comb(n,m) = comb(n-1,m) + comb(n-1,m-1);
```

Answer: The same variable appears twice in a pattern. (In each case, the second pattern is the incorrect one.)