

CSc 372, Fall 2006; Quiz 3; Time: 4:00; Value: 2+2 points

1. Write a function **len (L)** that returns the length of the list **L**. You may not call any functions except **len** itself. (For example, **length** is off limits!!)

```
- len [5,1,4];  
val it = 3 : int
```

2. Write a function **last (L)** that returns the last element in the list **L**. Assume that **L** has at least one element.

```
- last [1,2,3];  
val it = 3 : int
```

```
- last;  
val it = fn : 'a list -> 'a
```

Use your CS login id to identify yourself.