## CS 3721: Programming Languages Lab

Lab #10: Tail Recursion and Loops

Suppose we have the following function definition *length* in ML.

You can test the above function with the following invocation

- length ([2,3,4,5,7],0); val it = 5 : int

The above *length* can be translated to the following loop implementation.

Translate the following tail-recursive ML functions to loop implementations. Test your code by invoking both the original recursive implementation and your new implementation with a test input, and make sure they return the same result.