CAB402 Programming Paradigms
Assignment 1 - Assessment Criteria

Criteria		Standards			
		Poor (25%)	Fair (50%)	Good (75%)	Excellent (100%)
F# Implementation [20 marks]	Meets requirements correctly [8 marks]				○ Meets all requirements exactly as specified
	Clear, Simple and Easy to Understand [6 marks]				○ All function and variable names are carefully chosen ○ Limited use of nested bindings ○ Compact (not overly verbose) ○ Avoids unnecessarily complex logic ○ Documented with high level comments
	Follows Functional Preferred Style [4 marks]				○ Extensive us of higher order functions, lambda expressions and pipeline operator ○ Avoids state and type annotations
	Performance Improved via State [2 marks]				○ The first implementation is pure ○ A second implementation is provided that substantially improves performance.
C# or Java Implementation [6 marks]	Meets requirements correctly [2 marks]				○ Meets all requirements exactly as specified
	Clear, Simple and Easy to Understand [2 marks]				○ All classes, methods and variable names are carefully chosen ○ All methods are short, simple and easy to follow. ○ Less code is better code.
	Follows Object-Oriented Design Principles [2 marks]				○ Classes abstract concepts in the real world that the application is modelling. ○ Sub-typing used only if there is an is-a relationship. ○ Strong encapsulation of data.
Comparison [4 marks]	Appreciates the strengths and weaknesses of each paradigm				○ Insightful discussion demonstrating appreciation of both practical and conceptual/theoretical issues.