Topic 3.1 Programming Formative Exercise

Student: ....

Activity	Marking			Section Totals
Apply Problem Analysis				**(15 Marks)**
Complete coverage of 5 step process	10			
Mostly covered, 4 steps		5		
Partly covered, at least 3 steps			2	
Insufficient coverage – less than 3 steps				0
Design attempts to solve stated problem			3	
Design does not attempt to solve problem				0
Design Flow				
Flow chart accurately reflects program design		5		
Flow chart mostly reflects design, 3 or less differences			3	
Flow chart differs significantly, greater than 3 differences				0
Programming				**(11 marks)**
Define and use of variables				
Definition and Declaration				
All variables declared	5			
Most variables declared (fewer than 2 undeclared)		3		
Fewer than half declared/defined			1	
No evidence of declaration				0
Meaningful Variables				
All meaningful		2		
Some meaningful			1	
None meaningful				0
Documentation				
Thorough documentation comments		5		
Sparse documentation comments			2	
No documentation comments				0
File Management				
Evidence File saved			1	
No evidence file saved				0
Operation				**(10 marks)**
Code functions as designed	10			
Code functions but not as designed		3		
Code does not operate				0
	Total			