Topic 3.1 Programming Formative Exercise

Topic 3.1 Programming Formative Exercise

A = (!: .! (<u>nt:</u>				
Activity		Ma	arkin	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			3		
				0	
Flow chart differs significantly, greater than 3 differences				0	
Programming					(11 marka)
Define and use of variables					(11 marks)
Definition and Declaration					
All variables declared	5				
	Э	~			
Most variables declared (fewer than 2		3			
undeclared)					
Fewer than half declared/defined			1		
No evidence of declaration				0	
Meaningful Variables					
All meaningful		2			
Some meaningful			1		
None meaningful			•	0	
J J					
Documentation					
Thorough documentation comments		5			
Sparse documentation comments			2		
No documentation comments				0	
File Management					
Evidence File saved			1		
No evidence file saved				0	
Descrition	_				(10 montes)
Operation	_	10			(10 marks)
Code functions as designed		10	2		
Code functions but not as designed			3	0	
Code does not operate				0	
		Т	otal		

Studen	<u>nt:</u>				
Activity		Ма	arkin	g	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		Ŭ	3		
differences			•		
Flow chart differs significantly, greater than 3				0	
differences					
Drogramming					(44 marks)
Programming Define and use of variables					(11 marks)
Definition and Declaration					
All variables declared	5				
Most variables declared (fewer than 2	5	3			
undeclared)		3			
Fewer than half declared/defined			1		
No evidence of declaration			'	0	
				Ũ	
Meaningful Variables					
All meaningful		2			
Some meaningful			1		
None meaningful				0	
–					
Documentation		-			
Thorough documentation comments		5	~		
Sparse documentation comments			2	0	
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	
			otol		
			otal		