

CPT 111 - ASSIGNMENT 1 *HACKATHON* PART B RUBRIC

Group Number: _____

Criterion	Poor (1-2)	Fair (3-4)	Moderate (5-6)	Good (7-8)	Excellent (9-10)	Marks	Comments
CODING PROFICIENCY							
Correctness	Poor command knowledge.	Insufficient C++ command knowledge.	Sufficient command.	Good command and variable usage.	Use variable, command and information wisely.		
Well-thought (coverage has sufficient depth)	Not able to provide depth of programming.	Missing some depth of programming.	Covering the necessity.	Program consider specification completely.	Program consider specification with sophistication.		
Understand and able to control the program	Poor control.	Some control but not well.	Able to program with control correctly.	Portray fluency in using command control.	Portray the mastery in using command control.		
Readability	Coding style is very hard to read. Naming convention is inconsistent.	Coding style is not easy to be read. Naming convention is not very consistent.	Some coding style is sufficiently easy to read and maintain.	Most coding style are easy to read and maintain.	All coding style are easy to read and easy to maintain. Consistent and non-verbose/ succinct naming convention.		
User Interface - Good menu design	No screen-based instruction.	Screen-based instruction and final output are not correct, not clear and not user friendly.	Some screen-based instruction and final output are correct, but not clear and not user friendly.	Most screen-based instruction and final output are clear and correct. User friendly.	All screen-based instruction and final output are clear, correct, and attractive. User friendly.		

Criterion	Poor (1-2)	Fair (3-4)	Moderate (5-6)	Good (7-8)	Excellent (9-10)	Marks	Comments
REPORT							
Problem Description & Analysis	Not well written. Not following format.	Report writing is slightly aimless. Inconsistent explanation based on code and program behavior.	Report has not well thought. Some inconsistent explanation.	Report has sufficient cover and clear. Logical explanation based on code and program behavior.	Content coverage is good. Good explanation based on the requirement and problem solving method.		
Pseudocode or Flow Chart	Pseudocode is not structure. Flowchart is haywire.	Incomplete pseudocode. Difficult to follow the flowchart.	Slightly difficult to follow and missing some information.	Informative pseudocode. Easy to follow flowchart.	Pseudocode is written in hierarchical manner and easy to read. Flowchart sensible and tallied with the programme.		
Source code writing	No comments. Code organization is haywire and not sensible.	No comments. Sensible program flow.	Sensible. Missing some comments. Still easy to read program.	Clear. Indentation consistent. Well commented.	Neat and succinct.		
Test-cases	Aimless testing.	Inconclusive testing.	Partially complete testing.	Portray the completeness of the program	Portray the breadth of the program		

Criterion	Marks	Comments
PENALTY		
Read files more than once	- 7 x times	
Close files more than once	- 7 x times	
Breaking restrictions	- 50	
Using non-allowed C++ library	- 50	
Groups copying each other	- (all marks)	

Criterion	Marks	Comments
Bonus		

TOTAL			
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