

Rubric – Object-Oriented Programming

Programming

Criteria for assessment	Performance levels				
	Excellent 10 / A / 4	Good 8 / B / 3	Satisfactory 6 / C / 2	Marginal Pass 4 / D / 1	Fail F / 0
Functions and requirements (70 % weighting)	The program passes all the test cases and is implemented according to the requirements.	The program passes most test cases and is implemented according to the requirements or the program passes all the test cases but does not follow some of the requirements.	The program passes half around test cases and is implemented according to the requirements or the program passes all the test cases but does not follow requirements.	The program fails most cases but is implemented according to most requirements or the program passes most test cases but does not follow requirements.	The program fails and does not follow any requirements.
Program structure (10 % weighting)	The program structure is very clear.	The program structure is clear with minor flaws	The program structure is obscure.	There is a structure but very unclear.	No structure can be captured.
Comments (10 % weighting)	Comments are appropriated added and explain the program very well.	Comments help the explanation but are improper at some places.	Comments are provided with some help	Comments are sparse or vague.	No comments are provided.
Code style (10 % weighting)	A clear coding style is consistently applied, greatly enhancing program readability	A clear coding style is consistently used in the most part of the program, helping in the program readability.	A coding style is used in a small part of program. The program is not readable at some places.	Only a very few efforts are made in improving the program readability.	No coding style is applied for the purpose of readability.

Essay-type Questions

Criteria for assessment	Performance levels				
	Excellent 10 / A / 4	Good 8 / B / 3	Satisfactory 6 / C / 2	Marginal Pass 4 / D / 1	Fail F / 0
Organization (10% weighting)	The introduction is inviting, states the main topics, and provides an overview; gives instructions in logical order; the conclusion is strong	The introduction states the main topic and provides an overview; gives instructions in logical order; a conclusion is included	The introduction states the main topic; for the most part, gives instructions in logical order; a conclusion is included	There is no clear introduction, structure, or conclusion; gives instructions in a scattered, disorganized manner	Plagiarism or non-submission; no answer, or the answer is totally unrelated
Content (40% weighting)	The content is clearly stated and well supported, persuasive, relevant and accurate	The content is clearly stated, generally accurate and persuasive	Majority of content is clearly stated, accurate and relevant	The content is partly accurate and relevant	
Elaboration (40% weighting)	Gives needed explanations	Gives some explanations	Gives few explanations	Gives no explanations	
Use of Language (10% weighting)	Paper follows instructions supplied and required length; use transitions effectively; contains no (or very few) mechanical, spelling, and/or grammatical errors	Paper generally follows instructions; uses some transitions; includes few mechanical, spelling, and/or grammatical errors	Paper follows most guidelines; uses awkward or overly simple sentence structures; contains many mechanical, spelling, and/or grammatical errors	Paper has substantial deviations from supplied instructions; paper is grossly short or long; contains incomplete thoughts and confusing mechanical, spelling, and/or grammatical errors	