

DFN40323: PROGRAMMING ESSENTIALS IN PYTHON
RUBRIC FOR PENILAIAN AKHIR (PRACTICAL QUESTION)

Q1 :	/50 Marks
Q2 :	/50 Marks
Total :	/100 Marks

QUESTION 1:

CLO	Grade Criteria	Poor (1)	Fair (2)	Moderate (3)	Good (4)	Excellent (5)	Marks
							Q1
CLO1(P)	Ability to construct variables	Able to construct 0-25% of variables.	Able to construct 26-50% of variables but not using appropriate naming convention.	Able to construct 51-75% of variables using appropriate naming convention.	Able to construct 76-99% variables and meet some of the specification.	Able to construct 100% variables and meets all the specification.	
	Ability to construct Python literals	Able to construct 0-25% of Python literals.	Able to construct 26-50% of Python literals but not suitable for the program requirement.	Able to construct 51-75% of Python literals correctly.	Able to construct 76-99% Python literals correctly.	Able to construct 100% Python literals.	
	Ability to apply required branching statement	Able to identify 0-25% of branching statements.	Able to identify 26-50% branching statements but did not apply correctly.	Able to apply 51-75% branching statements but did not produce correct result.	Able to apply 76-99% branching statements and produce partially correct result.	Able to apply 100% branching statements and produce correct result.	
	Ability to get input and perform exception handling	Able to get 0-25% an input and apply exception handling correctly.	Able to get 26-50% inputs but did not apply exception handling that is suitable for the program requirement.	Able to get 51-75% inputs but did not apply exception handling that is suitable for the program requirement.	Able to get 76-99% inputs and apply exception handling correctly and meet some of the specification.	Able to get 100% the inputs and apply exception handling correctly and meet all the specification.	
	Package	Able to apply 0-25% package correctly.	Able to apply 26-50% package but not following the entire program requirement.	Able to apply 51-75% package but not following the program requirement.	Able to apply 76-99% package correctly and meet some of the specification.	Able to apply 100% package correctly and meet all the specification.	
	Ability to built/run/debug	Able to run 0-25% program only.	Able to run 26-50% program but have runtime errors (endless loop, crashes etc.) User prompts are misleading or non existent.	Able to run 51-75% program correctly but have logic error.	Able to run 76-99% program correctly without any logic error and display inappropriate output.	Able to run program 100% correctly without any logic error and display appropriate output.	
	Total Score (Question 1) = XX/30 * 50						

QUESTION 2:

CLO	Grade	Poor (1)	Fair (2)	Moderate (3)	Good (4)	Excellent (5)	Marks
	Criteria						Q2
CLO1(P)	Ability to create connection using Python SQL	Unable to create successful connection using Python codes. Codes have major error and takes a lot of time to fix.	Unable to create successful connection using Python codes. Codes have major error and takes some time to fix.	Unable to create successful connection using Python but codes have minor error and easy to fix.	Able to create successful connection using Python, codes have no error but moderately to manage.	Able to create successful connection using Python, codes have no error and easy to manage.	
	Ability to create Database and Table using Python	Able to create 0-25% database and table correctly.	Able to create 26-50% database or table but did not meet the specification.	Able to create 51-75% database or table correctly and meet some of the specification.	Able to create 76-99% database and table and meet some of the specification.	Able to create 100% database and table and meet all the specification.	
	Ability to manipulate MySQL Database (Insert record) using Python	Able to insert 0-25% record correctly.	Able to insert 26-50% record but did not follow the program requirement.	Able to insert 51-75% record correctly.	Able to insert 76-99% record correctly and meet some of the specification.	Able to insert 100% records correctly and meet all the specification.	
	Ability to manipulate MySQL Database (Update record) using Python	Able to update 0-25% record correctly.	Able to update 26-50% record but not suitable for the program requirement.	Able to update 51-75% record correctly.	Able to update 76-99% record correctly and meet some of the specification.	Able to update 100% record correctly and meet all the specification.	
	Ability to display record using Python	Able to display 0-25% record correctly.	Able to display 26-50% record but did not meet the program specification.	Able to display 51-75% record correctly.	Able to display 76-99% record and meet some of the specification.	Able to display 100% record and meet all the specification.	
	Ability to built/run/debug	Able to run 0-25% program only.	Able to run 26-50% program but have runtime errors (endless loop, crashes etc.) User prompts are misleading or non existent.	Able to run 51-75% program correctly but have logic error.	Able to run 76-99% program correctly without any logic error but display inappropriate output.	Able to run 100% program correctly without any logic error and display appropriate output.	
	Total Score (Question 2) = XX/30 * 50						