4COSC006C: Software Development I – TEST PLAN for Part 1
Student Name/ID: W.D THARUSHIKA - 20231194
Seminar Day/Time: 12/13/2023   Module Tutor : RUWAN EGODAWATTE

	Student Name: W.D.THARUSHIKA			**Student ID: w2051986**	
	TEST PLAN for Part 1 : Submit completed test plan with your code solution				
Test Component	**Test No.**	**Test Input**	**A – Expected Result**	**B – Actual Result (or state 'not attempted')**	**Pass/Fail ('A' matches 'B' == Pass)**
Progress	1	Pass = 120 Defer = 0 Fail = 0	'Progress' displayed	Progress	Pass
Progress (module trailer)	2.1	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' displayed	Progress (module trailer)	Pass
	2.2	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' displayed	Progress (module trailer)	Pass
Module retriever	3.1	Pass = 80 Defer = 20 Fail = 20	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.2	Pass = 60 Defer = 0 Fail = 60	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.3	Pass = 40 Defer = 80 Fail = 0	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.4	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.5	Pass = 0 Defer = 60 Fail = 60	'Module retriever' is displayed	Do not progress - module retriever	Pass
Exclude	4.1	Pass = 40 Defer = 0 Fail = 80	'Exclude' displayed	Exclude	Pass
	4.2	Pass = 20 Defer = 0 Fail = 100	'Exclude' displayed	Exclude	Pass
Validation	5.1	Pass = a	'Integer required'	Integer required	Pass
	5.2	Pass = 5	'Out of range'	Out of range	Pass
	5.3	Pass = 100 Defer = 40 Fail = 0	'Total incorrect' displayed	Total incorrect	Pass

Loops for multiple inputs	6.1	Program loops	Predicts multiple progression outcomes	Enter the Pass credits : 120 Enter the Defer credits : 0 Enter the Fail credits : 0 Progress Would you like to enter another set of data? Enter 'y' for yes or 'q' to quit and view results: y Enter the Pass credits : 100 Enter the Defer credits : 20 Enter the Fail credits : 0 Progress (module trailer) Would you like to enter another set of data? Enter 'y' for yes or 'q' to quit and view results: y	Pass
	6.2	Enter 'q'	Exits loop	Enter the Pass credits : 120 Enter the Defer credits : 0 Enter the Fail credits : 0 Progress Would you like to enter another set of data? Enter 'y' for yes or 'q' to quit and view results: q END	Pass
Histogram	7.1		Window pops up and renders graph. Includes values for Progress, Trailer, Retriever and Excluded	Actual results shown below as a screenshot	Pass
	7.2		Shows outcomes in total.	Actual results shown below as a screenshot	Pass