

COSC006C: Software Development I – TEST PLAN for Part 1**Student Name : A.P.A. Jithnuka Nimandith Athurugiriya****Student ID : 20222123****Module Tutor : Mr.Ryan Kuruppu**

	Student Name:			Student ID:	
	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	'Do not progress - Module retriever' is displayed	Do not progress - Module retriever	Pass
	3.2	Pass = 60 Defer = 0 Fail = 60	'Do not progress - Module retriever' is displayed	Do not progress - Module retriever	Pass
	3.3	Pass = 40 Defer = 80 Fail = 0	'Do not progress - Module retriever' is displayed	Do not progress - Module retriever	Pass
	3.4	Pass = 20 Defer = 40 Fail = 60	'Do not progress - Module retriever' is displayed	Do not progress - Module retriever	Pass
	3.5	Pass = 0 Defer = 60 Fail = 60	'Do not progress - 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		Pass
	6.2	Enter 'q'	Exits loop		Pass
Histogram	7.1		Window pops up and renders graph. Includes values for Progress, Trailer, Retriever and Excluded		Pass
	7.2		Shows outcomes in total.		Pass