4COSC006C: Software Development I - APPENDIX 1 – TEST PLANS

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Seminar Day/Time: Module Tutor:

Student Name:			Student ID:	
TEST PLAN for Part 1				
Submit completed test plan with your code solution				
Test No.	Test Input	Expected Result	Actual Result (or state 'not attempted')	Pass / Fail ('Actual Result' matches 'Expected Result = Pass')
1	Pass = 120 Defer = 0 Fail = 0	'Progress' is displayed	"Progress"	Pass
2	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' displayed	"Progress(module trailer)"	Pass
3	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' displayed	"Progress(module trailer)"	Pass
4	Pass = 80 Defer = 20 Fail = 20	'Module retriever' is displayed	"Module retriever"	Pass
5	Pass = 60 Defer = 40 Fail = 20	'Module retriever' is displayed	"Module retriever"	Pass
6	Pass = 40 Defer = 40 Fail = 40	'Module retriever' is displayed	"Module retriever"	Pass
7	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	"Module retriever"	Pass
8	Pass = 20 Defer = 20 Fail = 80	'Exclude' displayed	"Exclude"	Pass
9	Pass = 20 Defer = 0 Fail = 100	'Exclude' displayed	"Exclude"	Pass
10	Pass = 0 Defer = 0 Fail = 120	'Exclude' displayed	"Exclude"	Pass
Validation				
11	Pass = a	'Integer required' displayed	"Integer required	Pass
12	Pass = 5	'Out of range' displayed	"Out of range"	Pass
13	Pass = 100 Defer = 40 Fail = 0	'Total incorrect' displayed	"Total incorrect"	Pass
Displaying Histogram				

14	Program loops	Predicts multiple progression outcomes	Expected result	Pass
15	Enter 'q' to quit	Exits loop	Expected result	Pass
16	Exit loop	Progress 1 : * Trailer 2 : ** Retriever 4 : **** Excluded 1 : * 8 outcomes in total.	Expected result	Pass

TEST PLAN for **Part 2, 3 and 4**			Actual Result (or state 'not attempted')	Pass/Fail

17	Vertical Histogram	Progress 1 | Trailer 2 | Retriever 4 | Exclude 1
		   * * * *
		         * *
		              *
		              *
		
		8 outcomes in total.
			Expected result	Pass

18	Solution uses list, tuple or dictionary	Output uses data stored to and retrieved from list, tuple or dictionary	Expected result	Pass
19	Solution uses text file	Output uses data stored to and retrieved from text file	Expected result	Pass