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

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Seminar Day/Time: Module Tutor: Mr.Warnakula Costa

Student Name: H.Rukshan Piyumadu Dias				**Student ID:** w1912792
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' is displayed	pass
2	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' displayed	'Progress (module trailer)' displayed	pass
3	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' displayed	'Progress (module trailer)' displayed	pass
4	Pass = 80 Defer = 20 Fail = 20	'Module retriever' is displayed	'Module retriever' is displayed	pass
5	Pass = 60 Defer = 40 Fail = 20	'Module retriever' is displayed	'Module retriever' is displayed	pass
6	Pass = 40 Defer = 40 Fail = 40	'Module retriever' is displayed	'Module retriever' is displayed	pass
7	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	'Module retriever' is displayed	pass
8	Pass = 20 Defer = 20 Fail = 80	'Exclude' displayed	'Exclude' displayed	pass
9	Pass = 20 Defer = 0 Fail = 100	'Exclude' displayed	'Exclude' displayed	pass
10	Pass = 0 Defer = 0 Fail = 120	'Exclude' displayed	'Exclude' displayed	pass
Validation				
11	Pass = a	'Integer required' displayed	'Integer required' displayed	pass
12	Pass = 5	'Out of range' displayed	'Out of range' displayed	pass
13	Pass = 100 Defer = 40 Fail = 0	'Total incorrect' displayed	'Total incorrect' displayed	pass
Displaying Histogram				

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

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

Extra Test cases

TEST PLAN for **Input validation (student or Staff)**			Actual Result (or state 'not attempted')	Pass/Fail
20	user_input=12	Enter a valid number.	Enter a valid number.	pass
21	user_input=hello	Enter a number not Letter.	Enter a number not Letter.	pass
22	user_input=1	--Student version--	--Student version--	pass
23	user_input=2	--Staff version--	--Staff version--	pass