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

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Seminar Day/Time: **Seminar 1**   Module Tutor: **Mr.Torin weerasinghe**

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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 Trailer Retriever Exclude * * * * * * * * 8 outcomes in total.	Progress Trailer Retriever Exclude * * * * * * * * 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**