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

Student Name/ID: Rithik Gagana Subasinghe(20210166/w1870601)

Seminar Day/Time: 07/12/2021   Modul Tutor: Mr.Poravi

Student Name: Rithik Subasinghe				**Student ID:20210166**
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	Do not Progress – module retriever	Pass
5	Pass = 60 Defer = 40 Fail = 20	'Module retriever' is displayed	Do not Progress – module retriever	Pass
6	Pass = 40 Defer = 40 Fail = 40	'Module retriever' is displayed	Do not Progress – module retriever	Pass
7	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	Do not Progress – 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	done	Pass
15	Enter 'q' to quit	Exits loop	_____ Exit loop	Pass
16	Exit loop	Progress 1 : * Trailer 2 : ** Retriever 4 : **** Excluded 1 : * 8 outcomes in total.	Progress 1 : * Trailer 2 : ** Retriever 4 : **** Excluded 3 : *** 10 outcomes in total	Fail

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 Trailing Retriever Excluded 　*　　*　　　*　　　* 　　　　*　　　* 　　　　　　* 　　　　　　* 8 outcomes in total	Pass
18	Solution uses list, tuple or dictionary	Output uses data stored to and retrieved from list, tuple or dictionary	done	Pass
19	Solution uses text file	Output uses data stored to and retrieved from text file	done	Pass