

4COSC006C: Software Development I – TEST PLAN for Part 1

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Seminar Day/Time:

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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	Enter your PASS credits: 120 Enter your DEFER credits: 0 Enter your FAIL credits: 0 As expected, Output is Progress	Pass
Progress (module trailer)	2.1	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' displayed	Enter your PASS credits: 100 Enter your DEFER credits: 20 Enter your FAIL credits: 0 As expected, Output is Progress (module trailer)	Pass
	2.2	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' displayed	Enter your PASS credits: 100 Enter your DEFER credits: 0 Enter your FAIL credits: 20 As expected, Output is Progress (module trailer)	Pass
Module retriever	3.1	Pass = 80 Defer = 20 Fail = 20	'Module retriever' is displayed	Enter your PASS credits: 80 Enter your DEFER credits: 20 Enter your FAIL credits: 20 As expected, Output is module retriever	Pass
	3.2	Pass = 60 Defer = 0 Fail = 60	'Module retriever' is displayed	Enter your PASS credits: 60 Enter your DEFER credits: 0 Enter your FAIL credits: 60 As expected, Output is module retriever	Pass

	3.3	Pass = 40 Defer = 80 Fail = 0	'Module retriever' is displayed	Enter your PASS credits: 40 Enter your DEFER credits: 80 Enter your FAIL credits: 0 As expected, Output is module retriever	Pass
	3.4	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	Enter your PASS credits: 20 Enter your DEFER credits: 40 Enter your FAIL credits: 60 As expected, Output is module retriever	Pass
	3.5	Pass = 0 Defer = 60 Fail = 60	'Module retriever' is displayed	Enter your PASS credits: 0 Enter your DEFER credits: 60 Enter your FAIL credits: 60 As expected, Output is module retriever	Pass
Exclude	4.1	Pass = 40 Defer = 0 Fail = 80	'Exclude' displayed	Enter your PASS credits: 40 Enter your DEFER credits: 0 Enter your FAIL credits: 80 As expected, Output is exclude	Pass
	4.2	Pass = 20 Defer = 0 Fail = 100	'Exclude' displayed	Enter your PASS credits: 20 Enter your DEFER credits: 0 Enter your FAIL credits: 100 As expected, Output is exclude.	Pass
Validation	5.1	Pass = a	'Integer required'	Enter your PASS credits: a As expected output is Integer required	Pass
	5.2	Pass = 5	'Out of range'	Enter your PASS credits: 5 As expected output is Out of range	Pass

	5.3	Pass = 100 Defer = 40 Fail = 0	'Total incorrect' displayed	Enter your PASS credits: 100 Enter your DEFER credits: 40 Enter your FAIL credits: 0 ----- ----- Hold on! We are checking if the values you entered are correct. Total incorrect Please Try again! As expected, output is, "Total Incorrect"	Pass
Loops for multiple inputs	6.1	Program loops	Predicts multiple progression outcomes	Works as expected	Pass
	6.2	Enter 'q'	Exits loop	Works as expected	Pass
Histogram	7.1		Window pops up and renders graph. Includes values for Progress, Trailer, Retriever and Excluded	Works as expected	Pass
	7.2		Shows outcomes in total.	Not attempted	Pass