4COSC006C: Software Development I – TEST PLAN for Part 1
Student Name/ID: Thinula Harischandra / w2051872
Seminar Day/Time: Module Tutor – Ms. Suvetha

	Student Name: Thinula Harischandra			Student ID: w2051872	
	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	Progress	Pass
Progress (module trailer)	2.1	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' displayed	Progress (module trailer)	Pass
	2.2	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' displayed	Progress (module trailer)	Pass
Module retriever	3.1	Pass = 80 Defer = 20 Fail = 20	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.2	Pass = 60 Defer = 0 Fail = 60	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.3	Pass = 40 Defer = 80 Fail = 0	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.4	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	Do not progress - module retriever	Pass
	3.5	Pass = 0 Defer = 60 Fail = 60	'Module retriever' is displayed	Do not progress - module retriever	Pass
Exclude	4.1	Pass = 40 Defer = 0 Fail = 80	'Exclude' displayed	Exclude	Pass
	4.2	Pass = 20 Defer = 0 Fail = 100	'Exclude' displayed	Exclude	Pass
Validation	5.1	Pass = a	'Integer required'	Integer required	Pass
	5.2	Pass = 5	'Out of range'	Out of range.	Pass
	5.3	Pass = 100 Defer = 40 Fail = 0	'Total incorrect' displayed	Total incorrect.	Pass
Loops for multiple inputs	6.1	Program loops	Predicts multiple progression outcomes		Pass
	6.2	Enter 'q'	Exits loop		Pass
Histogram	7.1		Window pops up and renders graph. Includes values for Progress, Trailer, Retriever and Excluded		Pass
	7.2		Shows outcomes in total.		Pass

IDLE Shell 3.12.0

```
Python 3.12.0 (v3.12.0:0fb18b02c8, Oct  2 2023, 09:45:56) [Clang 13.0.0 (clang-13
00.0.29.30)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.

=============== RESTART: /Users/thinula/Desktop/SD1 CW/part_1.py ===============
Please enter your credits at PASS : 120
Please enter your credits at DEFER: 0              1
Please enter your credits at FAIL : 0
Progress

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 100
Please enter your credits at DEFER: 20             2.1
Please enter your credits at FAIL : 0
Progress (module trailer)

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 100
Please enter your credits at DEFER: 0              2.2
Please enter your credits at FAIL : 20
Progress (module trailer)

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 80
Please enter your credits at DEFER: 20             3.1
Please enter your credits at FAIL : 20
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 60
Please enter your credits at DEFER: 0              3.2
Please enter your credits at FAIL : 60
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 40
Please enter your credits at DEFER: 80             3.3
Please enter your credits at FAIL : 0
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 20
Please enter your credits at DEFER: 40             3.4
Please enter your credits at FAIL : 60
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 0
Please enter your credits at DEFER: 60             3.5
Please enter your credits at FAIL : 60
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : a              5.1
Integer required
Please enter your credits at PASS : 5              5.2
Out of range.
Please enter your credits at PASS : 100
Please enter your credits at DEFER: 40             5.3
Please enter your credits at FAIL : 0
Total incorrect.
Please enter your credits at PASS : 40
Please enter your credits at DEFER: 0              4.1
Please enter your credits at FAIL : 80
Exclude

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: y

Please enter your credits at PASS : 20
Please enter your credits at DEFER: 0              4.2
Please enter your credits at FAIL : 100
Exclude

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: q    6.2
```
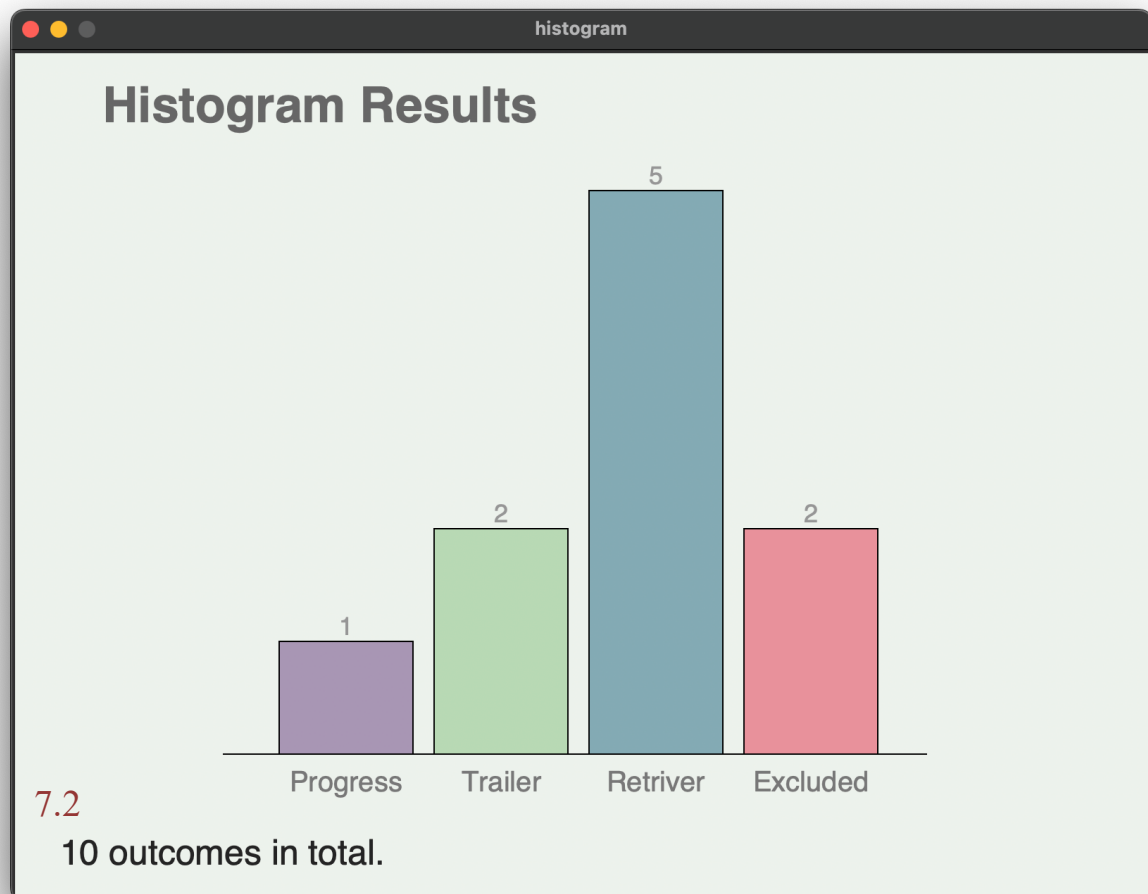
Histogram

histogram

Histogram Results

5

2   2

1

Progress   Trailer   Retriver   Excluded

10 outcomes in total.