APPENDIX 1 – TEST PLAN for Part 1 & 2

Student Name:			**Student ID:**	
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')
1	Pass = 120 Defer = 0 Fail = 0	'Progress' is displayed	Progress	Pass
2	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' is displayed	Progress (module trailer)	Pass
3	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' is displayed	Progress (module trailer)	Pass
4	Pass = 80 Defer = 20 Fail = 20	'Do not Progress – module retriever' is displayed	Do not Progress - module retriever	Pass
5	Pass = 60 Defer = 40 Fail = 20	'Do not Progress – module retriever' is displayed	Do not Progress - module retriever	Pass
6	Pass = 40 Defer = 40 Fail = 40	'Do not Progress – module retriever' is displayed	Do not Progress - module retriever	Pass
7	Pass = 20 Defer = 40 Fail = 60	'Do not Progress – module retriever' is displayed	Do not Progress - module retriever	Pass
8	Pass = 20 Defer = 20 Fail = 80	'Exclude' is displayed	Exclude	Pass
9	Pass = 20 Defer = 0 Fail = 100	'Exclude' is displayed	Exclude	Pass
10	Pass = 0 Defer = 0 Fail = 120	'Exclude' is displayed	Exclude	Pass
TEST PLAN for Part 2				
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

APPENDIX 2 – TEST PLAN for Part 3 & 4 - (Staff Version with Histogram)

TEST PLAN for Part 3 Submit this completed test plan with your solution code				
Test No.	Test Input	Expected Result	Actual Result (or 'not attempted')	Pass/Fail

14	Pass = 120 Defer = 0 Fail = 0	'Progress' is displayed	Progress	Pass
15	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' is displayed	Progress (module trailer)	Pass
16	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' is displayed	Progress (module trailer)	Pass
17	Pass = 80 Defer = 20 Fail = 20	'Do not Progress – module retriever' is displayed	Do not Progress – module retriever	Pass
18	Pass = 60 Defer = 20 Fail = 40	'Do not Progress – module retriever' is displayed	Do not Progress – module retriever	Pass
19	Pass = 40 Defer = 80 Fail = 0	'Do not Progress – module retriever' is displayed	Do not Progress – module retriever	Pass
20	Pass = 40 Defer = 40 Fail = 40	'Do not Progress – module retriever' is displayed	Do not Progress – module retriever	Pass
21	Pass = 20 Defer = 20 Fail = 80	'Exclude' is displayed	Exclude	Pass
Displaying Histogram				
22	Enter 'q' to quit	Exits loop	Exits loop	Pass
23	Exit loop	Progress 1 : * Trailer 2 : ** Retriever 4 : **** Excluded 1 : * 8 outcomes in total	Progress 1: * Trailer 2: ** Retriever 4: **** Excluded 1: * The total number of outcomes : 8	Pass
TEST PLAN for Part 4				Pass/Fail
24	Use test data from Part 3 TEST plan 14-21			
25	Enter 'q' to quit / Exit loop	Expected result	Actual Result	
		Progress 1 | Trailer 2 | Retriever 4 | Exclude 1 * * * * * * * * * * 8 outcomes in total	Progress 1 | Trailer 2 | Retriever 4 | Exclude 1 * * * * * * * * * * The total number of outcomes : 8	

APPENDIX 3 – TEST PLAN for Part 5

TEST PLAN for Part 5 Submit this completed test plan with your solution code				
Test No.	Test Input	Expected Result	Actual Result (or state 'not attempted')	Pass / Fail

26	Program is run	Progress Progress (module trailer) Progress (module trailer) Do not Progress - module retriever Do not Progress - module retriever Do not Progress - module retriever Do not Progress - module retriever Exclude Exclude Exclude Progress 1: * Trailing 2: ** Retriever 4: **** Excluded 3: *** 10 outcomes in total.	Progress Progress (module trailer) Progress (module trailer) Do not Progress - module retriever Do not Progress - module retriever Do not Progress - module retriever Do not Progress - module retriever Exclude Exclude Exclude Progress 1: * Trailer 2: ** Retriver 4: **** Excluded 3: *** 10 Outcomes in total	Pass

References

- Reference any code taken from other sources in your program code.
- Include the following at the top of your program(s).

```
# I declare that my work contains no examples of misconduct, such as plagiarism, or collusion.
# Any code taken from other sources is referenced within my code solution.

# Student ID: ……1747361……..…

# Date:  ……19th Nov 2020……..…
```