APPENDIX 1 – TEST PLAN for Part 1 & 2

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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') |
| 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 No. | Test Input | Expected Result | Actual Result(or state 'not attempted') | Pass /Fail |
|---|---|---|---|---|
| | | **TEST PLAN for Part 3** | | |
| | | Submit this completed test plan with your solution code | | |
| 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' toquit | 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 : * 8 outcomes in total. | Pass |
| | | **TEST PLAN for Part 4** | | |
| 24 | Use test data from Part 3 TEST plan 14-21 | | | Pass |
| 25 | Enter 'q' toquit / Exit loop | Progress 1 \| Trailer 2 \| Retriever 4 \| Exclude 1    *        *        *        *              *        *              *              * 8 outcomes in total. | Progress 1 \| Trailer 2 \| Retriever 4 \| Exclude 1    *        *        *        *          *        *              *              * 8 outcomes in total. | Pass |

APPENDIX 3 – TEST PLAN for Part 5

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| **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: *
 Trailing  2: **
 Retriever 4: ****
 Excluded  3: ***

10 outcomes in total.
``` | Pass |