APPENDIX 2 - TEST PLANS (see also separate word version)

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| Student Name:Robolge Seniya Wathsara Sandul Lenora Student ID: w1867624 | | | |  |
| 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’ is displayed | Pass |
| 2 | Pass = 100  Defer = 20  Fail = 0 | ‘Progress (module trailer)’ displayed | ‘Progress (module trailer)’ displayed | Pass |
| 3 | Pass = 100  Defer = 0  Fail = 20 | ‘Progress (module trailer)’ displayed | ‘Progress (module trailer)’ displayed | Pass |
| 4 | Pass = 80  Defer = 20  Fail = 20 | ‘Module  retriever’ is displayed | ‘Module  retriever’ is displayed | Pass |
| 5 | Pass = 60  Defer = 40  Fail = 20 | ‘Module  retriever’ is displayed | ‘Module  retriever’ is displayed | Pass |
| 6 | Pass = 40  Defer = 40  Fail = 40 | ‘Module  retriever’ is displayed | ‘Module  retriever’ is displayed | Pass |
| 7 | Pass = 20  Defer = 40  Fail = 60 | ‘Module  retriever’ is displayed | ‘Module  retriever’ is displayed | Pass |
| 8 | Pass = 20  Defer = 20  Fail = 80 | ‘Exclude’ displayed | ‘Exclude’ displayed | Pass |
| 9 | Pass = 20  Defer = 0  Fail = 100 | ‘Exclude’ displayed | ‘Exclude’ displayed | Pass |
| 10 | Pass = 0  Defer = 0  Fail = 120 | ‘Exclude’ displayed | ‘Exclude’ displayed | Pass |
| Validation | | | |  |
| 11 | Pass = a | ‘Integer required’ displayed | ‘Integer required’ displayed | Pass |
| 12 | Pass = 5 | ‘Out of range’ displayed | ‘Out of range’ displayed | Pass |
| 13 | Pass = 100  Defer = 40  Fail = 0 | ‘Total incorrect’ displayed | ‘Total incorrect’ displayed | Pass |
| Displaying Histogram | | | | |
| 14 | Program loops | Predicts multiple progression outcomes | Predicts multiple progression outcomes | Pass |
| 15 | Enter ‘q’ to quit | Exits loop | Exits loop | Pass |
| 16 | Exit loop | Progress 1 : \*  Trailer 2 : \*\*  Retriever 4 : \*\*\*\* | Progress 1 : \*  Trailer 2 : \*\*  Retriever 4 : \*\*\*\* | Pass |
|  |  | Excluded 1 : \*    8 outcomes in total. | Excluded 1 : \*    8 outcomes in total. | Pass |

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| 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 1 | Trailer 2 | Retriever 4 | Exclude 1   * \* \* \* * \*   \* 8 outcomes in total. | Pass |
| 18 | Data stored & retrieved from list, tuple or dictionary | Output uses data from list, tuple or dictionary | Output uses data from list, tuple or dictionary | Pass |
| 19 | Data stored & retrieved from text  file | Output uses data from text file | Output uses data from text file | Pass |