|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Student Name: A.E.W Jayatilake StudentID:2019530 | | | | |  | |
| **TEST PLAN for Part 1** | | | | |  | |
| Test No. | | Test Input | Expected Result | Actual Result | Pass/Fail | |
| 1 | | Pass = 120 | ‘Progress’ is displayed | Progress | pass | |
| 2 | | Pass = 100 Defer = 20 | ‘Progress (module trailer) is displayed | Progress-module trailer | pass | |
| 3 | | Pass = 100  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  Fail= 100 | ‘Exclude’ is displayed | Exclude | pass | |
| 10 | | Fail = 120 | ‘Exclude’ is displayed | Exclude | pass | |
|  | **TEST PLAN for Part 2** | | | | | |
|  | 11 | Pass= a | ‘Integer required’ is displayed | Integer required |  | pass |
| 12 | Pass= 5 | ‘Out of range’ is displayed | Out of range |  | pass |
| 13 | Pass=100 Defer = 40 | ‘Total incorrect’ is displayed | Total incorrect |  | pass |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
| **TEST PLAN for Part 3** | | | | | |  | |
| Test No. | | Test Input | Expected Result | Actual Result | | Pass/Fail | |
| 14 | | Pass = 120 | ‘Progress’ is displayed | Progress | | pass | |
| 15 | | Pass=100 Defer=20 | ‘Progress (module trailer)’ is displayed | Progress (module trailer) | | pass | |
| 16 | | Pass = 100  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 : \*  8 outcomes in total. | | pass | |
| **TEST PLAN for Part 4** | | | | | | | |
|  | 24 | Use test data from Part 3 TEST plan 14-21 | |  |  |  | |
| 25 | Enter ‘q’ to quit / Exit loop | Progress 1|Trailer 2|Retriever 4|Exclude 1 \* \* \* \*  \* \*  \*  \*  8 outcomes in total. | Progress1|Trailer2|Retrever4|Exclude1 \* \* \* \*  \* \*  \*  \*  8 outcomes in total. |  | pass | |
|  | **TEST PLAN for Part 5** | | | | | |
| Tes t No | Test Input | Expected Result | Actual Result | | 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 | |

Principles I