4/17/2022

4COSC006C: Software Development I

Coursework



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| **TEST PLAN for Part 1** | | | | |
| Test No. | Test Input | Expected Result | Actual Result (or state ‘not attempted’) | Pass / Fail (‘Actual Result’ matches ‘Expected Result = Pass’) |
| 01 | Pass = 120  Defer = 0  Fail = 0 | ‘Progress’ is displayed | Progress | Pass |
| 02 | Pass = 100  Defer = 20  Fail = 0 | ‘Progress (module trailer)’ displayed | Progress(module trailer) | Pass |
| 03 | Pass = 100  Defer = 0  Fail = 20 | ‘Progress (module trailer)’ displayed | Progress(module trailer) | Pass |
| 04 | Pass = 80  Defer = 20  Fail = 20 | ‘Module retriever’ is displayed | Do not progress – module retriever | Pass |
| 05 | Pass = 60  Defer = 40  Fail = 20 | ‘Module retriever’ is displayed | Do not progress – module retriever | Pass |
| 06 | Pass = 40  Defer = 40  Fail = 40 | ‘Module retriever’ is displayed | Do not progress – module retriever | Pass |
| 07 | Pass = 20  Defer = 40  Fail = 60 | ‘Module retriever’ is displayed | Do not progress – module retriever | Pass |
| 08 | Pass = 20  Defer = 20  Fail = 80 | ‘Exclude’ displayed | Exclude | Pass |
| 09 | Pass = 20  Defer = 0  Fail = 100 | ‘Exclude’ displayed | Exclude | Pass |
| 10 | Pass = 0  Defer = 0  Fail = 120 | ‘Exclude’ displayed | Exclude | Pass |
| **Validation** | | | | |
| 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 |
| **Displaying Histogram** | | | | |
| 14 | Program loops | Predicts multiple progression outcomes | If the user enters "Y" the program loops | Pass |
| 15 | Enter ‘q’ to quit | Exits loop | If the user enters "Q" the program will stop | Pass |
| 16 | Exit loop | Progress 1 : \*  Trailer 2 : \*\* Retriever 4 : \*\*\*\* Excluded 1 : \*  8 outcomes in total. | HORIZONTAL HISTOGRAM  Progress 1 : \*  Trailer 1 : \*  Retriever 4 : \* \* \* \*  Excluded 3 : \* \* \*  9 outcomes in total. | Pass |

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| **TEST PLAN for Part 2, 3 and 4** | | | | | | |
| 17 | Vertical Histogram | Progress 1 | Trailer 2 | Retriever 4 | Exclude 1 \* \* \* \*  \* \* \*  \*  8 outcomes in total. | | VERTICAL HISTOGRAM  Progress Trailing Module Retriever exclude  \* \* \* \*  \*  5 outcomes in total. | | Pass |
| 18 | Data stored & retrieved from list, tuple, or dictionary | | Output uses data from list, tuple, or dictionary | | histograms use data from lists that store input data | Pass |
| 19 | Data stored & retrieved from text file | | Output uses data from text file | | Output uses data from text file that store input data | Pass |

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| **TEST PLAN for Part 2, 3 and 4** | | | | |
| 17 | Vertical Histogram | Progress 1 | Trailer 2 | Retriever 4 | Exclude 1 \* \* \* \*  \* \* \*  \*  8 outcomes in total. | VERTICAL HISTOGRAM  Progress Trailing Module Retriever exclude  \* \* \* \*  \* \* \*  \*  8 outcomes in total. | Pass |
| 18 | Solution uses list, tuple or dictionary | Output uses data stored to and retrieved from list, tuple or dictionary | Output(histograms) uses data stored to and retrieved from lists | Pass |
| 19 | Solution uses text file | Output uses data stored to and retrieved from text file | Output uses data stored to and retrieved from text file | Pass |

………………..Thank you…………………..