TEST PLAN for Part 2 - Assignment (Progress Outcomes)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Student Name:** T.S. Rajapakse **Student ID:** *2019595* | | | | | | | | | | |
| ***Test***  ***No.*** | ***Test Input*** | | | | | | | ***Expected Result*** | ***Actual Result (State if not attempted)*** | ***Pass/Fail*** |
| 1 | x = Enter Button | | | | | | | Start The Program or Continue the Program | Start The Program or Continue the Program | Pass |
| 2 | x = “q” | | | | | | | Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Pass |
| ***Histogram and Outputs* (While x is not equal to “Q”)** | | | | | | | | | | |
| 3 | **Pass** | **Defer** | | | | | **Fail** | ‘Progress’ is displayed.  ‘Progress – module trailer’ is displayed.  ‘Do not Progress - module retriever’ is displayed.  ‘Do not Progress - module retriever’ is displayed.  ‘Exclude’ is displayed.  Progress 1 : \*  Trailing 1 : \*  Retriever 2 : \*\*  Exclude 1 : \*  5 Outcomes in Total | ‘Progress’  ‘Progress – module trailer’  ‘Do not Progress - module retriever’  ‘Do not Progress - module retriever’  ‘Exclude’  Progress 1 : \*  Trailing 1 : \*  Retriever 2 : \*\*  Exclude 1 : \*  5 Outcomes in Total | Pass |
| 120  100  80  60 | 20  40  40 | | | | | 20  120 |
| 4 | Input correct data and run the program loop 10 times. | | | | | | | *“Checking the total is correct.”*  10 Outcomes in Total | 10 Outcomes in Total | Pass |
| ***Checking input data type, credit range and credit total:*** | | | | | | | | | | |
| 5 | **Pass** | | **Defer** | | | **Fail** | | ‘Total Incorrect! Please make sure that Total Credits is 120’ is displayed.  Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Total Incorrect! Please make sure that Total Credits is 120  Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Pass |
| 80 | | 40 | | | 20 | |
| 6 | **Pass** | | **Defer** | | | **Fail** | | ‘Integer Required. Please Enter An Integer!’ is displayed.  ‘Integer Required. Please Enter An Integer!’ is displayed.  ‘Integer Required. Please Enter An Integer!’ is displayed.  Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Integer Required. Please Enter An Integer!  Integer Required. Please Enter An Integer!  Integer Required. Please Enter An Integer!  Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Pass |
| a | | b | | | c | |
| 7 | **Pass** | | | **Defer** | **Fail** | | | ‘Range Error!’ is displayed.  Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Range Error!  Progress 0 :  Trailing 0 :  Retriever 0 :  Exclude 0 :  0 Outcomes in Total | Pass |
| 30 | | | 50 | 40 | | |