

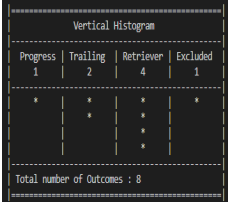
Software Development I – Coursework

TEST PLAN for Part 1 & 2

Student Name: Saadat Hamid Mansoor			Student ID: 20200616	
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’ is displayed	Pass
2	Pass = 100 Defer = 20 Fail = 0	‘Progress (module trailer)’ is displayed	‘Progress (module trailer)’ is displayed	Pass
3	Pass = 100 Defer = 0 Fail = 20	‘Progress (module trailer)’ is displayed	‘Progress (module trailer)’ is displayed	Pass
4	Pass = 80 Defer = 20 Fail = 20	‘Do not Progress – module retriever’ is displayed	‘Do not Progress – module retriever’ is displayed	Pass
5	Pass = 60 Defer = 40 Fail = 20	‘Do not Progress – module retriever’ is displayed	‘Do not Progress – module retriever’ is displayed	Pass
6	Pass = 40 Defer = 40 Fail = 40	‘Do not Progress – module retriever’ is displayed	‘Do not Progress – module retriever’ is displayed	Pass
7	Pass = 20 Defer = 40 Fail = 60	‘Do not Progress – module retriever’ is displayed	‘Do not Progress – module retriever’ is displayed	Pass
8	Pass = 20 Defer = 20 Fail = 80	‘Exclude’ is displayed	‘Exclude’ is displayed	Pass
9	Pass = 20 Defer = 0 Fail = 100	‘Exclude’ is displayed	‘Exclude’ is displayed	Pass
10	Pass = 0 Defer = 0 Fail = 120	‘Exclude’ is displayed	‘Exclude’ is displayed	Pass
TEST PLAN for Part 2				
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

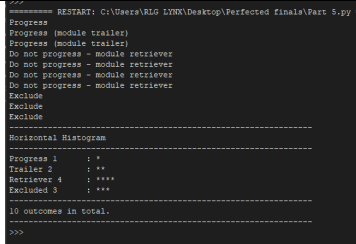
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TEST PLAN for Part 3 & 4 - (Staff Version with Histogram)

TEST PLAN for Part 3				
Submit this completed test plan with your solution code				
Test No.	Test Input	Expected Result	Actual Result (or state 'not attempted')	Pass / Fail
14	Pass = 120 Defer = 0 Fail = 0	'Progress' is displayed	'Progress' is displayed	Pass
15	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' is displayed	'Progress (module trailer)' is displayed	Pass
16	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' is displayed	'Progress (module trailer)' is displayed	Pass
17	Pass = 80 Defer = 20 Fail = 20	'Do not Progress – module retriever' is displayed	'Do not Progress – module retriever' is displayed	Pass
18	Pass = 60 Defer = 20 Fail = 40	'Do not Progress – module retriever' is displayed	'Do not Progress – module retriever' is displayed	Pass
19	Pass = 40 Defer = 80 Fail = 0	'Do not Progress – module retriever' is displayed	'Do not Progress – module retriever' is displayed	Pass
20	Pass = 40 Defer = 40 Fail = 40	'Do not Progress – module retriever' is displayed	'Do not Progress – module retriever' is displayed	Pass
21	Pass = 20 Defer = 20 Fail = 80	'Exclude' is displayed	'Exclude' is displayed	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.		Pass

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TEST PLAN for Part 5

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	<pre> Progress Progress (module trailer) Progress (module trailer) Do not Progress - module retriever 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.</pre>		Pass

Test Plan Logs :

Part 1 :

```

File Edit Shell Debug Options Window Help
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 120
Please enter your credits at defer: 0
Please enter your credits at fail: 0
Progress
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 100
Please enter your credits at defer: 20
Please enter your credits at fail: 0
Progress (module trailer)
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 100
Please enter your credits at defer: 0
Please enter your credits at fail: 20
Progress (module trailer)
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 80
Please enter your credits at defer: 20
Please enter your credits at fail: 20
Do not progress - module retriever
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 60
Please enter your credits at defer: 40
Please enter your credits at fail: 20
Do not progress - module retriever
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 40
Please enter your credits at defer: 40
Please enter your credits at fail: 40
Do not progress - module retriever
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 20
Please enter your credits at defer: 40
Please enter your credits at fail: 60
Do not progress - module retriever
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 20
Please enter your credits at defer: 20
Please enter your credits at fail: 80
Exclude
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 20
Please enter your credits at defer: 0
Please enter your credits at fail: 100
Exclude
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfected finala\Part 1.py =====
Please enter your credits at pass: 0
Please enter your credits at defer: 0
Please enter your credits at fail: 120
Exclude
>>>

```

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Part 2 :

```
IDLE Shell 3.9.1
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\RLG LYNX\Desktop\Perfected finals\Part 2.py =====
Please enter your credits at pass : a
Integer required
Please enter your credits at pass : 5
Out of range
Please enter your credits at pass : 100
Please enter your credits at defer : 40
Please enter your credits at fail : 0
Total incorrect

Please enter your credits at pass : 100
Please enter your credits at defer : 20
Please enter your credits at fail : 0
Progress (module trailer)

would you like to continue ? (yes/y or no/n): n
Ending script....
>>> |
```

Part 3 :

```
IDLE Shell 3.9.1
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\RLG LYNX\Desktop\Perfected finals\Part 3.py =====
Enter your total PASS credits : 120
Enter your total DEFER credits : 0
Enter your total FAIL credits : 0
Progress

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 100
Enter your total DEFER credits : 20
Enter your total FAIL credits : 0
Progress (module trailer)

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 100
Enter your total DEFER credits : 0
Enter your total FAIL credits : 20
Progress (module trailer)

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 80
Enter your total DEFER credits : 20
Enter your total FAIL credits : 20
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 40
Enter your total DEFER credits : 20
Enter your total FAIL credits : 40
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 40
Enter your total DEFER credits : 80
Enter your total FAIL credits : 0
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 40
Enter your total DEFER credits : 40
Enter your total FAIL credits : 40
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 20
Enter your total DEFER credits : 20
Enter your total FAIL credits : 80
Exclude

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: q
Getting Results Ready ...

-----
Horizontal Histogram
-----
Progress 1 : *
Trailer 1 : **
Retriever 4 : ****
Excluded 1 : *

0 outcomes in total.
-----
>>>
```

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Part 4 :

```

File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:12) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
----- RESTART: C:\Users\RLG LYNN\Desktop\Perfected finals\Part_4.py -----
Enter your total PASS credits : 120
Enter your total DEFER credits : 0
Enter your total FAIL credits : 0
Progress

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 100
Enter your total DEFER credits : 20
Enter your total FAIL credits : 0
Progress (module trailer)

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 100
Enter your total DEFER credits : 0
Enter your total FAIL credits : 20
Progress (module trailer)

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 80
Enter your total DEFER credits : 20
Enter your total FAIL credits : 20
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 40
Enter your total DEFER credits : 20
Enter your total FAIL credits : 40
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 40
Enter your total DEFER credits : 80
Enter your total FAIL credits : 0
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 40
Enter your total DEFER credits : 40
Enter your total FAIL credits : 40
Do not progress - module retriever

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results:

Enter your total PASS credits : 20
Enter your total DEFER credits : 20
Enter your total FAIL credits : 80
Exclude

Would you like to enter another set of data?
Enter 'y' for yes or 'q' to quit and view results: q
Getting Results Ready ....

Vertical Histogram
-----
| Progress | Trailing | Retriever | Excluded |
| 1 | 2 | 4 | 1 |
|-----|
| * | * | * | * |
| | * | * | |
| | | * | |
| | | * | |
| | | * | |
|-----|
| Total number of Outcomes : 8 |
|-----|
>>>

```

Part 5 :

```
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\RLG LYNN\Desktop\Perfectd finals\Part_5.py =====
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
-----
Horizontal Histogram
-----
Progress 1      : *
Trailer 2      : **
Retriever 4    : *****
Excluded 3     : ***
-----
10 outcomes in total.
-----
>>>
```