Test plan 01

Student Name – Sachini Muthugala

Test No.	Test Input	Expected Result	Actual Result (State if not attempted)	Pass/Fail
1	Pass = 120	'Progress' is displayed	Progress outcome: Progress	pass
2	Pass = 100 Defer = 20	'Progress – module trailer' is displayed	Progress outcome: Progress - module trailer	pass
3	Pass = 100 Fail = 20	'Progress – module trailer' is displayed	Progress outcome: Progress - module trailer	pass
4	Pass = 80 Defer = 20 Fail = 20	'Do not Progress – module retriever' is displayed	Progress outcome: Do not Progress - module retriever	pass
5	Pass = 60 Defer = 40 Fail = 20	'Do not Progress – module retriever' is displayed	Progress outcome: Do not Progress - module retriever	pass
6	Pass = 40 Defer = 40 Fail = 40	'Do not Progress – module retriever' is displayed	Progress outcome: Do not Progress - module retriever	pass
7	Pass = 20 Defer = 40 Fail = 60	'Do not Progress – module retriever' is displayed	Progress outcome: Do not Progress - module retriever	pass
8	Pass = 20 Defer = 20 Fail = 80	'Exclude' is displayed	Progress outcome: Exclude	pass
9	Pass = 20 Fail = 100	'Exclude' is displayed	Progress outcome: Exclude	pass
10	Fail = 120	'Exclude' is displayed	Progress outcome: Exclude	pass

Checking input data type, credit range and credit total:

11	Pass = a	'Integers required' displayed	Integers required.Try Again!	pass
12	Defer = b	'Integers required' displayed	Integers required.Try Again!	pass

13	Fail = c	'Integers required' displayed	Integers required.Try Again!	pass
14	Pass = 2	'Range error' is displayed	Range error.Try Again!	pass
15	Defer = 5	'Range error' is displayed	Range error.Try Again!	pass
16	Fail = 10	'Range error' is displayed	Range error.Try Again!	pass
17	Pass = 100 Defer = 40	'Total incorrect' is displayed	Total incorrect.Try Again!	pass
18	Pass = 60 Fail = 40	'Total incorrect' is displayed	Total incorrect.Try Again!	pass

Test Plan 02

Python 3.7.6 Shell

File Edit Shell Debug Options Window Help

```
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 18 2019, 23:46:00) [MSC v.1916 32 bit (Intel)
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================ RESTART: C:\Users\Nisal\Desktop\w1762318_Q2.py ================

Press any key to input credits OR press 'q' to quit:4
Please enter number of pass credits  : 120
Please enter number of defer credits : 0
Please enter number of fail credits  : 0
next student...

Press any key to input credits OR press 'q' to quit:
Please enter number of pass credits  : 100
Please enter number of defer credits : 20
Please enter number of fail credits  : 0
next student...

Press any key to input credits OR press 'q' to quit:100
Please enter number of pass credits  : 0
Please enter number of defer credits : 0
Please enter number of fail credits  : 120
next student...

Press any key to input credits OR press 'q' to quit:
Please enter number of pass credits  : 100
Please enter number of defer credits : 0
Please enter number of fail credits  : 20
next student...

Press any key to input credits OR press 'q' to quit:p
Please enter number of pass credits  : 80
Please enter number of defer credits : 20
Please enter number of fail credits  : 20
next student...

Press any key to input credits OR press 'q' to quit:i
Please enter number of pass credits  : 60
Please enter number of defer credits : 40
Please enter number of fail credits  : 20
next student...
```

```
Press any key to input credits OR press 'q' to quit:
Please enter number of pass credits  : 40
Please enter number of defer credits : 40
Please enter number of fail credits  : 40
next student...

Press any key to input credits OR press 'q' to quit:r
Please enter number of pass credits  : 20
Please enter number of defer credits : 40
Please enter number of fail credits  : 60
next student...

Press any key to input credits OR press 'q' to quit:
Please enter number of pass credits  : 20
Please enter number of defer credits : 20
Please enter number of fail credits  : 80
next student...

Press any key to input credits OR press 'q' to quit:
Please enter number of pass credits  : 20
Please enter number of defer credits : 0
Please enter number of fail credits  : 100
next student...

Press any key to input credits OR press 'q' to quit:
Please enter number of pass credits  : a
Integers required.Try Again!
Please enter number of pass credits  : 100
Please enter number of defer credits : b
Integers required.Try Again!
Please enter number of pass credits  : 100
Please enter number of defer credits : 20
Please enter number of fail credits  : c
Integers required.Try Again!
Please enter number of pass credits  : 120
Please enter number of defer credits : 0
Please enter number of fail credits  : 0
next student...

Press any key to input credits OR press 'q' to quit:2
```

```
Please enter number of pass credits  : 20
Please enter number of defer credits : 0
Please enter number of fail credits  : 100
next student...

Press any key to input credits OR press 'q' to quit:
Please enter number of pass credits  : a
Integers required.Try Again!
Please enter number of pass credits  : 100
Please enter number of defer credits : b
Integers required.Try Again!
Please enter number of pass credits  : 100
Please enter number of defer credits : 20
Please enter number of fail credits  : c
Integers required.Try Again!
Please enter number of pass credits  : 120
Please enter number of defer credits : 0
Please enter number of fail credits  : 0
next student...

Press any key to input credits OR press 'q' to quit:2
Please enter number of pass credits  : 2
range error
Please enter number of pass credits  : 100
Please enter number of defer credits : 5
range error
Please enter number of defer credits : 20
Please enter number of fail credits  : 0
next student...

Press any key to input credits OR press 'q' to quit:q
```

Output

```
Press any key to input credits OR press 'q' to quit:q

---- Summary Of Progression Outcome ----

progress    2 :  **
Trailing    3 :  ***
Retriever   4 :  ****
Exclude     3 :  ***

12  outcomes in total
>>>
```