

4COSC006C: Software Development I – TEST PLAN for Part 1

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	TEST PLAN for Part 1 : Submit completed test plan with your code solution				
Test Component	Test No.	Test Input	A - Expected Result	B - Actual Result (or state 'not attempted')	Pass/Fail ('A' matches 'B' == Pass)
Progress	1	Pass = 120 Defer = 0 Fail = 0	'Progress' displayed	Progress	Pass
Progress (module trailer)	2.1	Pass = 100 Defer = 20 Fail = 0	'Progress (module trailer)' displayed	Progress (module trailer)	Pass
	2.2	Pass = 100 Defer = 0 Fail = 20	'Progress (module trailer)' displayed	Progress (module trailer)	Pass
Module retriever	3.1	Pass = 80 Defer = 20 Fail = 20	'Module retriever' is displayed	Module retriever	Pass
	3.2	Pass = 60 Defer = 0 Fail = 60	'Module retriever' is displayed	Module retriever	Pass
	3.3	Pass = 40 Defer = 80 Fail = 0	'Module retriever' is displayed	Module retriever	Pass
	3.4	Pass = 20 Defer = 40 Fail = 60	'Module retriever' is displayed	Module retriever	Pass
	3.5	Pass = 0 Defer = 60 Fail = 60	'Module retriever' is displayed	Module retriever	Pass
Exclude	4.1	Pass = 40 Defer = 0 Fail = 60	'Exclude' displayed	Exclude	Pass
	4.2	Pass = 20 Defer = 0 Fail = 100	'Exclude' displayed	Exclude	Pass
Validation	5.1	Pass = a	'Integer required'	Integer required	Pass
	5.2	Pass = 5	'Out of range'	Out of range	Pass
	5.3	Pass = 100 Defer = 40 Fail = 0	'Total incorrect' displayed	Total incorrect	Pass
Loops for multiple inputs	6.1	Program	Predicts multiple	Predicts multiple	Pass
	6.2	Enter 'q'	Exits loop	Exit loop	Pass
Histogram	7.1		Window pops up and renders graph. Includes values for Progress, Trailer, Retriever and Excluded	Window pops up and renders graph. Includes values for Progress, Trailer, Retriever and Excluded	Pass
	7.2		Shows outcomes in total.	Shows outcomes in total.	Pass

Test no. 1

```
*IDLE Shell 3.11.5*
Python 3.11.5 (v3.11.5:cce6ba91b3, Aug 24 2023, 10:50:31) [Clang 13.0.0 (clang
00.0.29.30)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>
===== RESTART: /Users/SADINSA/Downloads/coursework/sadinsa staff code.py =====
Part 1

Please enter your credits at pass :120
Please enter your credits at defer :0
Please enter your credits at fail :0
Progress
```

Test no. 2.1, 2.2

```
Part 1

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

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

Test no. 3.1, 3.2, 3.3, 3.4, 3.5

```
*IDLE Shell 3.11.5*

Please enter your credits at pass :80
Please enter your credits at defer :20
Please enter your credits at fail :20
Module retriever

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

Please enter your credits at pass :60
Please enter your credits at defer :0
Please enter your credits at fail :60
Module retriever

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

Please enter your credits at pass :40
Please enter your credits at defer :80
Please enter your credits at fail :0
Module retriever

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

Please enter your credits at pass :20
Please enter your credits at defer :40
Please enter your credits at fail :60
Module retriever

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

Please enter your credits at pass :0
Please enter your credits at defer :60
Please enter your credits at fail :60
Module retriever
```

Test no. 4.1, 4.2

```
Please enter your credits at pass :40
Please enter your credits at defer :0
Please enter your credits at fail :80
Exclude

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

Please enter your credits at pass :20
Please enter your credits at defer :0
Please enter your credits at fail :100
Exclude
```

Test no. 5.1, 5.2, 5.3

```
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
```

Test no. 6.1, 6.2

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

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

Part 2

Progress(module trailer) - 100 20 0
```

Test no 7.1, 7.2



