Statistics for CSE 140 2014 winter - Reading Quiz for Lecture 03

Total submissions: 63

Calculated using numeric values
** Calculated using participant scores

Matrix - one answer per row (button)
Question

For each of the expressions below, tell whether it evaluates to True or False. * The value of temp is 32 * The value of str is "Python"

		Response statistics*	Score statistics**
Row1			
Point value		--	0.20
Mean		1.81	0.16
Median		2.00	0.20
Mode		2	0.2
Min/Max		1/2	0/0.2
Standard deviation		0.40	0.08

Row 1

str == 'python'

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	True	12	19.05%
2	✔ False	51	80.95%

		Response statistics*	Score statistics**
Row2			
Point value		--	0.20
Mean		1.00	0.20
Median		1.00	0.20
Mode		1	0.2
Min/Max		1/1	0.2/0.2
Standard deviation		0.00	0.00

Row 2

temp == 32

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	✔ True	63	100.00%
2	False	0	0.00%

		Response statistics*	Score statistics**
Row3			
Point value		--	0.20
Mean		1.03	0.19
Median		1.00	0.20
Mode		1	0.2
Min/Max		1/2	0/0.2
Standard deviation		0.18	0.04

Row 3

temp >= 32 and temp < 212

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	✔ True	61	96.83%
2	False	2	3.17%

		Response statistics*	Score statistics**
Row4			
Point value		--	0.20
Mean		1.11	0.18
Median		1.00	0.20
Mode		1	0.2
Min/Max		1/2	0/0.2
Standard deviation		0.32	0.06

Row 4

str == 'python' or str == 'Python'

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	✔ True	56	88.89%
2	False	7	11.11%

		Response statistics*	Score statistics**
Row5			
Point value		--	0.20
Mean		1.06	0.19
Median		1.00	0.20
Mode		1	0.2
Min/Max		1/2	0/0.2
Standard deviation		0.25	0.05

Row 5

True or True

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	✔ True	59	93.65%
2	False	4	6.35%

Multiple choice - one answer (button)
Question

If x is an integer, and x % 2 evaluates to 0, what can you conclude about x?

		Response statistics*	Score statistics**
Point value		--	1.00
Mean		2.05	0.87
Median		2.00	1.00
Mode		2	1.00
Min/Max		1/4	0/1.00
Standard			

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	Nothing.	3	4.76%

					deviation	0.42	0.34
2	✔	x is even.	55	87.30%			
3		x is odd.	4	6.35%			
4		I don't know.	1	1.59%			

Multiple choice - multiple answers (check)
Question

For the if statement below, identify which statement(s) execute. Select all that apply. The value of x is 12. if x < 0: CLAUSE_1_STATEMENTS elif x > 0: CLAUSE_2_STATEMENTS elif x == 12: CLAUSE_3_STATEMENTS else: CLAUSE_4_STATEMENTS

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	CLAUSE_1_STATEMENTS	3	4.76%
2	✔ CLAUSE_2_STATEMENTS	58	92.06%
3	CLAUSE_3_STATEMENTS	21	33.33%
4	CLAUSE_4_STATEMENTS	4	6.35%

	Response statistics*	*Score statistics***
Point value	--	1.00
Mean	2.30	0.63
Median	2.00	1.00
Mode	2	1.00
Min/Max	1/4	0/1.00
Standard deviation	0.61	0.49

Multiple choice - multiple answers (check)
Question

Which of the following is true about any if statement (that may include several clauses, including elif and else clauses)? Check all that apply.

Total responses (N): 63   Did not respond: 0

Numeric value	Answer	Frequency	Percentage
1	You execute the code in every clause whose condition is True.	22	34.92%
2	You always execute the code in exactly one clause.	16	25.40%
3	✔ You execute the code in at most one clause.	31	49.21%
4	✔ You evaluate the if statement's conditions one at a time, from top to bottom.	56	88.89%
5	You evaluate the if statement's conditions one at a time, from bottom to top.	1	1.59%

	Response statistics*	*Score statistics***
Point value	--	1.00
Mean	2.98	0.35
Median	3.00	0.00
Mode	4	0
Min/Max	1/5	0/1.00
Standard deviation	1.15	0.48

Long response
Question

Expand the for loop below as demonstrated in section 7.1.2 of the Python Evaluation Rules (http://www.cs.washington.edu/education/courses/cse140/1... Write the expansion below. Your answer should have one statement per line. The only statements you should include in your answer are assignments to word (the loop variable) and STATEMENTS_1 and STATEMENTS_2 (stand-ins for blocks of statements). for word in ['program', 'thoughtfully']: if word == 'program': STATEMENTS_1 else: STATEMENTS_2

Total responses (N): 61   Did not respond: 0

	Response statistics*	*Score statistics***
Point value	--	2.00
Mean	--	0.02
Median	--	0.00
Mode	--	0
Min/Max	--	0/1.00
Standard deviation	--	0.13

Long response
Question

	Response statistics*	*Score statistics***
Point		

Expand the for loop below as demonstrated in section 7.1.2 of the Python Evaluation Rules (http://www.cs.washington.edu/education/courses/cse140/1 Write the expansion below. Your answer should have one statement per line. The only statements you should include in your answer are assignments to word (the loop variable) and STATEMENTS_1 and STATEMENTS_2 (stand-ins for blocks of statements). for word in ['program', 'thoughtfully']: if word == 'program': STATEMENTS_1 else: STATEMENTS_2

value	--	2.00
Mean	--	0.00
Median	--	0.00
Mode	--	0
Min/Max	--	0/0
Standard deviation	--	0.00

Total responses (N): 2   Did not respond: 0

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Expand the for loop below as demonstrated in section 7.1.2 of the Python Evaluation Rules (http://www.cs.washington.edu/education/courses/cse140/1

value	--	2.00
Mean	--	0.00
Median	--	0.00
Mode	--	0
Min/Max	--	0/0
Standard deviation	--	0.00