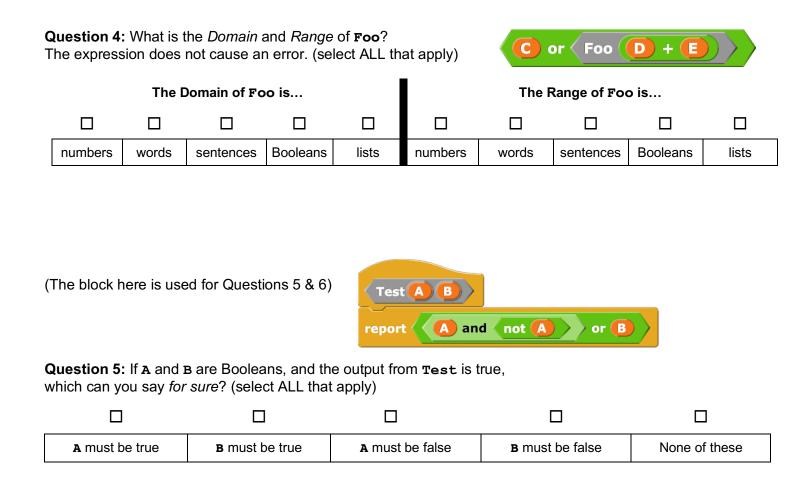
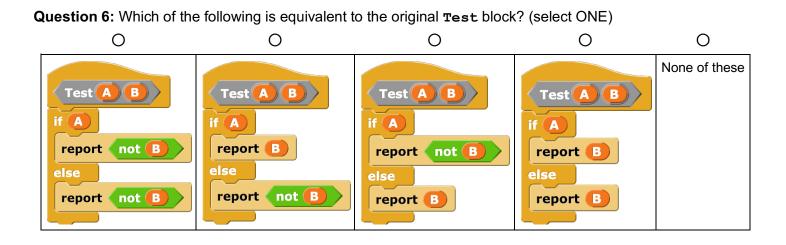
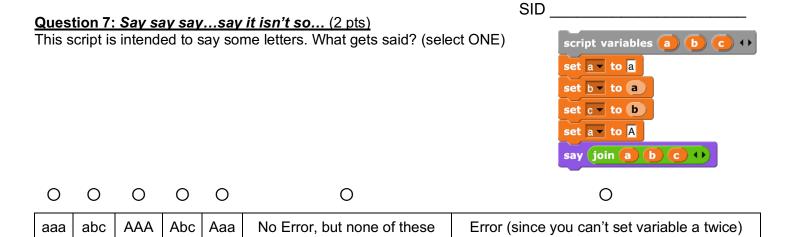
UC Berkeley's CS10 Spring 2019 Quest – Instructor Dan Garcia

Your Name (first last)		S	SID		Lab TA's Name	
← Name of person of	n left (or aisle)			Name of person of	n right (or aisle) →	
What's tha	ıt Smell? Oh,	it's Potpour	ri! (2 pts for 1	-6, we drop lo	west one)	
Fill in the correct circ	cles & squares cor	mpletelylike this:	● (select ONE) ■	(select ALL that ap	oply)	
Question 1: Which	of the following is	a true statement re	egarding Abstraction	on? (select ONE)		
O A freight compar				•		
adheres to the ap Harry Beck took		, ,		t leak, and has no o	•	
•	•	it more geographic			and lines only at	
O A farmer who wr	ites "put the <anim< td=""><td>al> food in the <ar< td=""><td>nimal dish>" is usin</td><td>g detail removal.</td><td></td></ar<></td></anim<>	al> food in the <ar< td=""><td>nimal dish>" is usin</td><td>g detail removal.</td><td></td></ar<>	nimal dish>" is usin	g detail removal.		
O A person from 19 O None of the Abor		the car radio in tod	ay's car thanks to	Abstraction.		
Question 2: What is	s 18 ₁₆ ÷ 8 ₁₀ ? (selec	et ONE)				
0	0	0	0	0	0	
12	102	112	1002	1012	1102	
				Mystery	AB	
				repeat		
Question 3: What d	loes Mystery 3	report? (selec	t ONE)		to join B 0 (+)	
				report E		
				Торого		

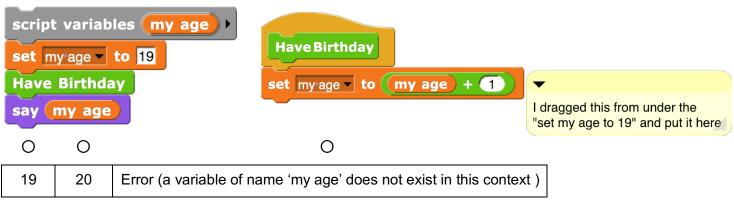






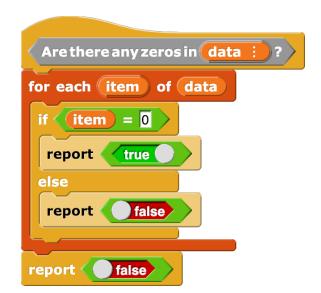
Question 8: Happy birthday to me!!... (3 pts)

What gets said if I run the script on the left? Note: We have not yet defined any global variables. (select ONE)



Question 9: Beethoven was a good composer... (5 pts, one each)

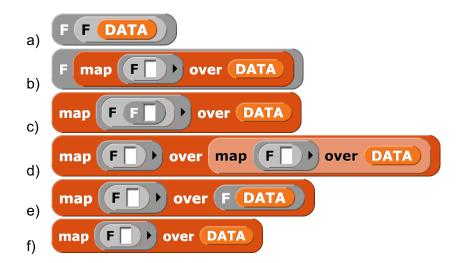
You write a block to determine if there are any zeros in a list of numbers (with at least one element), if so it should return true. Will it return the correct value for different inputs?



There is exactly one element in the list,		
and it is zero.	yes 🔾 🔾 no	
There is exactly one element in the list,	yes 🔾 🔾 no	
and it is not zero.	yes O O no	
The list has all zeros.	yes ○ ○ no	
The list has no zeros.	yes ○ ○ no	
The code works correctly for all inputs.	yes ○ ○ no	

Question 10: Two maps are better than one! (or are they?) (5 pts)

Of the six expressions:



	а	b	С	d	е
b					
С					
d					
е					
f					

...which are always equivalent for all DATA lists and all mappers F ? Said another way, which pairs will always report the same value? (select ALL that apply; selecting a particular box means you are declaring that the expression in the row will always have the same value as the expression in the column for all input.