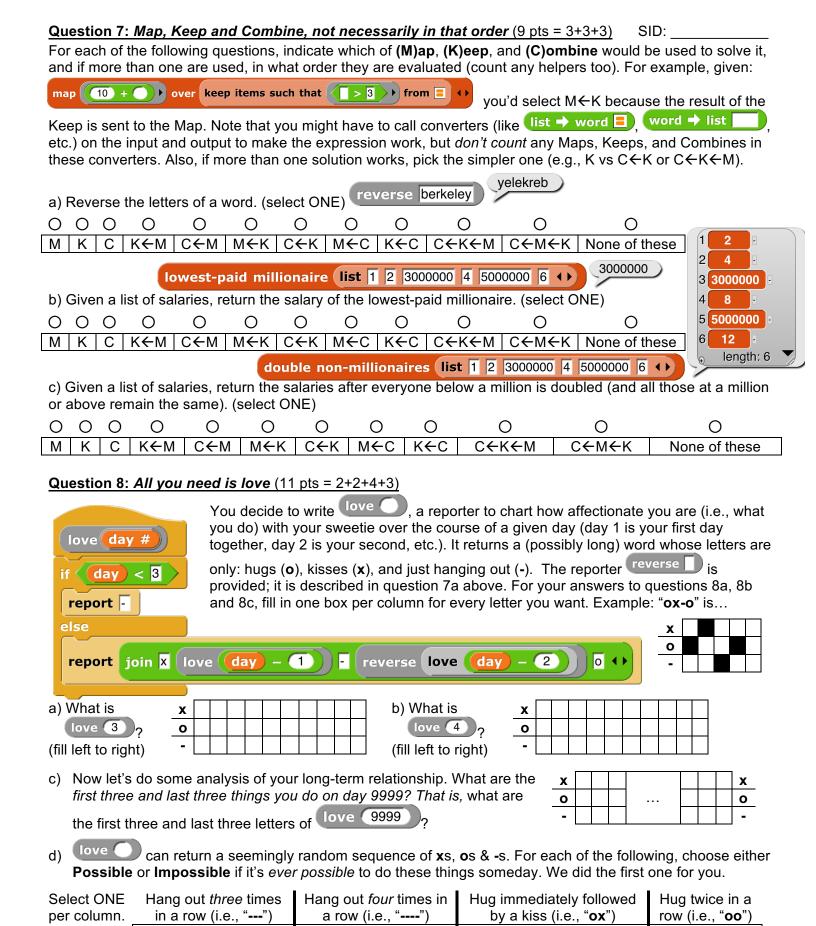
UC Berkeley's CS10 Spring 2017 Midterm 1 : Instructor Dan Garcia

Your Name ((first last)		SI	D		L	ab TA's Name
← Name of	person on le	ft (or aisle	'	Name	of person	on right (or aisle) 🗲
What's	that Smell′	? Oh, it's F	Potpourri!	(2 pts each	า for 1-6,	low score	e dropped)
Fill in t	the correct circl	es & squares c	completelylike	e this: ● (seled	ct ONE)	(select ALL th	at apply)
Question 1:	Sutherland's sk	etchpad had e		ch <i>programmii</i>	ng paradign	ns? (select AL	L that apply)
Inches a restince			Craphical	Chrotonod	Tavtual	Deelevetive	None of these
Imperative	Functional	OOP	Graphical	Clustered	Textual	Declarative	None of these
□ with the b□ that traditi□ that we sh□ with the ic	Sir Ken Robins enefits to efficie ional schooling nould lower startes about huma an epidemic the nese	ency of educati has increased ndards so that an capacity tha	ing our young p the lateral/non more students t it cleanly divid	eople in batch linear thinking pass and gain les into acade	nes, as we not go in students confidence mic and nor	nostly do toda s from kinderç in their succe n-academic/vo	ay. garten on up ess. ocational roles
☐ You can a☐ The online☐ With the r	Which of the fo avoid having an e world and the ight software an ight software an nese	information for physical world nd configuratio	otprint simply b l <i>are separate.</i> n, you can effe	y not going on ctively "undo"	nline. the sharing	of content.	. that apply)
 Question 4: Which of the following is a true statement based on the AI lecture? (select ALL that apply) ☐ Investment in Artificial Intelligence startups has grown exponentially the last few years. ☐ A candy grab AI that keeps track of the % of wins, and changes its behavior is said to be learning. ☐ AI has moved from knowledge-based systems toward statistical approaches more recently. ☐ The singularity is an inflection point, where AI systems author new AI systems, beyond human control. ☐ none of these 							
	You're comfy ir	J		•		ı're hungry.	
not (t	hirsty? or (h	ungry?					
not (thirsty? and	hungry?		O YOU HAVE AN IDEA FOR YOU SUESTION 6 YET?	OU CAN'T JUST TURN ON REATIVITY LIKE A FAUCET YOU HAVE TO BE IN THE RIGHT MOOD.	Sara M	HAT MOOD LAST MINUTE PANIC.
_ not (:hirsty? or	not hungr	V?	NO, I'M WAITING FOR INSPIRATION.	RIGHT MOOD.		
					CE SI		
not none of the	hirsty? an	d not hung	iry?		No.		and a second
Question 6: Which numbers are equal to the <i>Ternary</i> (base 3) number 120 ₃ ? (select ALL that apply)							
				_			
120 ₁₀	E ₁₆	F ₁₆	G ₁₆	10102	11102	11112	None of these



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Possible

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Impossible