<text><image/><section-header><section-header><section-header><section-header><section-header><text><text></text></text></section-header></section-header></section-header></section-header></section-header></text>	 Assignment 5 is due tonight Assignment 6 (Final project) is out – see deadlines on Assignment page Exam 3 is Nov 29 See exam 3 study materials on Nov 29 date on our calendar page Some review today, some next time
 Exam 3 Logistics Exam 3 is on Tuesday, Nov 29 Covers topics through today, Nov 17 lecture Old tests are on the calendar web page Will put up old Sakai quizzes Exam 3 is on paper See Exam 3 reference sheet – part of the exam Exam 3 is your own work Bring only a pen of pencil 	 Exam 3 topics Topics from last time (loops, arrays, ifs, procedures, parameters, etc) Array index loops (see penguin classwork) Writing functions Event programming

Events 1	Events 2	
(Instance) add Scene Activation Listener		
declare procedure sceneActivated do in order	(this addMouseClickOnObjectListener, setOfVisuals [new Visual] { (this bunny), (this panda), (this panda2), (this panda3)} add detail declare procedure mouseClicked [newn] getScreenDistanceFromLeft [newn] getScreenDistanceFromBottom [newn] getModelAtt do in order [f] [newn] getModelAttMouseLocation [newn] is true then [f] [newn] is true then	
Image: State of the state	If _ (Cevent) getModelAtMouseLocation) = (his panda) is true then drop statement here else drop statement here	
do in order drop statement here	(This addCollisionStartListener [new SThing]] { (This bunny)} *, [new SThing]] { (This panda), (This panda2, (This panda3)) * add detail * declare procedure collisionStarted [new Gerent] getSThingFromSetA]	
Image: State of the state	do in order drop statement here	
do in order if <u>Leven</u> ; isKey <u>S</u> , is true then drop statement here else drop statement here		
drop statement here CompSci 94 Fall 2022 5	CompSci 94 Fall 2022 6	
Events – when does it start, how	Events – when does it start, how does it work? (part 2)	
does it work?	 addMouseClickOnObjectListener 	

- sceneActivated
- addTimeListener
- keyPressed

addCollisionStartListener

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Events – when does it start, how does it work? (part 3) • defaultModelManipulation	How do you create a Scorer (or counter) • A scorer/counter	
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How do you create A Countdown Timer	Looping in Array – when and how to use each one • For each in	
	• Each in together	
	Indexing loop	
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Q1) Given an array of pandas, how do I create an array of objectMarkers that match the pandas in the same order

	💰 Custom Array	>
	preview: [new Panda] ((his pand hpe: (Panda]) value: [0] (his panda)" [1] (his panda)" [2] (his panda)" add V	aj, (this panda2), (this p
	[2] (<u>this panda</u>) " add V	

Q2) Given pandas moved, what type of loop do you use to get them all back to their objectMarkers?







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Q3) Given pandas moved, explain in words how to get them all back to their objectMarkers?

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Q4: If we want to play a two level game, what might be the best game flow?



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Class Today

• Build game with two levels



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