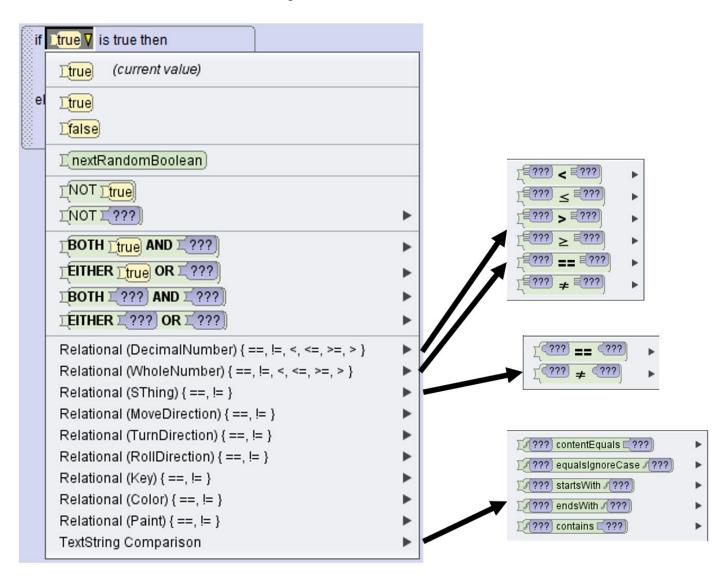
CompSci 94 Exam 3 Fall 2024 Reference sheets!!!

(this.pig) move [FORWARD],	=1.0 ▼ add detail ▼			
	amount: =1.0 (current value) =0.0 =0.25 =0.5 =1.0 =1.0 =1.0 =1.0 =1.0 =1.0 Mode to Decimal Number	•		
	Math Custom DecimalNumber		$\begin{bmatrix} 1.0 \\ \bullet \\ \hline ??? \\ \hline \hline 1.0 \\ \bullet \\ \hline ??? \\ \bullet \\ \hline ?? \\ \hline ?? \\ \hline ?? \\ \bullet \\ \hline ?? \\ \bullet \\ \hline ?? \\ \hline ?? \\ \hline ?? \\ \bullet \\ \hline ?? \\ $	* * * * * * * * * *

Math

DO NOT WRITE ON THE REFERENCE SHEETS!



Given below are the condition possibilities for an if statement

Below are the tiles at the bottom of a procedure

0	do in order) 🛛 count 🔄 🖉 while 💶	for each in _) ((if _) ((do together)(each in _ together)
	variable) assign [//comment	

Below are the tiles at the bottom of a function

	for each in _ (if _) (do together) each in _ together
variable) assign ///comment	return _

Given below are the panda procedures and panda Properties on the bottom right.

👌 (this.panda 🔍 🔻	size
	(this.panda) setWidth width: ≡???)
Procedures Functions	(this.panda) setHeight height €???)
group by category	(this.panda) setDepth depth: €???)
Panda) 's Editable Procedures (3)	(this.panda) resize factor: €???)
edit (this.panda) standingPose	(this.panda) resizeWidth factor: = ???)
📄 edit (this.panda) sleepingPose	(this.panda) resizeHeight factor: €???)
🗀 edit (this.panda) crawlingPose	(<u>this.panda</u> resizeDepth <i>factor</i> : ≡???)
	appearance
(Biped) 's Editable Procedures (0)	(this.panda setPaint paint ???)
say, think	(this.panda setOpacity opacity: E???)
(this.panda say text /???)	vehicle
(this.panda think text: / ???)	this.panda setVehicle vehicle: (???)
position	
(this.panda) move direction: □???), amount: □???)	audio
(this.panda moveToward target: (???), amount = ???)	(this.panda) playAudio audioSource: (???)
(this.panda moveAwayFrom target (???), amount =???)	timing
(this.panda moveTo target: (???)	(this.panda delay duration: ≡???)
(this.panda place spatialRelation: [???], target: (???)	other
orientation	(this.panda) straightenOutJoints
(this.panda turn direction: □???), amount: □???)	
(this.panda roll direction: [???), amount [???)	M. Alain manuala)
(this.panda turnToFace target: (???)	🚵 (this.panda
(this.panda) orientTo target: (???)	one shots V
(this.panda) orientToUpright	
(this.panda pointAt target: (???)	🔻 🧎 this.panda's Properties
	(Panda) panda <= (new(Panda))
position & orientation (this.panda) moveAndOrientTo target: (???)	Paint = WHITE
	Opacity = 51.0

Position = (x: -1.00 , y: 1.73

Size = Height: 1.15

Show Joints:

Width: 0.75

Depth: 0.53

, z: -0.10)

Reset

Tee

Given below are the panda functions.



oints
(Cthis.panda) getHead
(this.panda) getLeftAnkle
((this.panda) getLeftClavicle
((this.panda) getLeftElbow
((this.panda) getLeftEye
(this.panda) getLeftEyelid
(this.panda) getLeftFoot
(this.panda) getLeftHand
(Cthis.panda) getLeftHip
(Cthis.panda getLeftIndexFinger
(Cthis.panda getLeftIndexFingerKnuckle
(this.panda) getLeftKnee
(Cthis.panda) getLeftMiddleFinger
(this.panda) getLeftPinkyFinger
(this.panda) getLeftPinkyFingerKnuckle
(this.panda) getLeftShoulder
((this.panda) getLeftThumb
((this.panda) getLeftThumbKnuckle
((this.panda) getLeftWrist
((this.panda) getMouth
((this.panda) getNeck
(this.panda) getPelvis
(this.panda) getRightAnkle
(this.panda) getRightClavicle
(this.panda) getRightElbow
(this.panda) getRightEye
(this.panda) getRightEyelid
((this.panda) getRightFoot
((this.panda) getRightHand
(this.panda) getRightHip
(this.panda) getRightIndexFinger
(this.panda getRightIndexFingerKnuckle
(this.panda getRightKnee
(this.panda) getRightMiddleFinger
(this.panda getRightMiddleFingerKnuckle
(this.panda) getRightPinkyFinger
(this.panda) getRightPinkyFingerKnuckle
(this.panda) getRightShoulder
(Chis.panda) getRightThumb
(Cthis.panda) getRightThumbKnuckle (Cthis.panda) getRightWrist
(this.panda) getSpineBase
(Cthis.panda) getSpineMiddle
((this.panda) getSpineUpper

If, loops, and creating an array element.

unmanaged Image <	(this.bunny2) }
Add Scene Property	
If <u>T</u>true is true then	
drop statement here	
else	
drop statement here	
count up to 😂 T	
drop statement here	
loop	
while I true is true	
drop statement here	
loop	
for each (Biped) (oneBiped in (this) .creatures)	
drop statement here	
loop	
each (Biped) (someBiped in (this) .creatures) together	
drop statement here	

Random Integer and Decimal Numbers

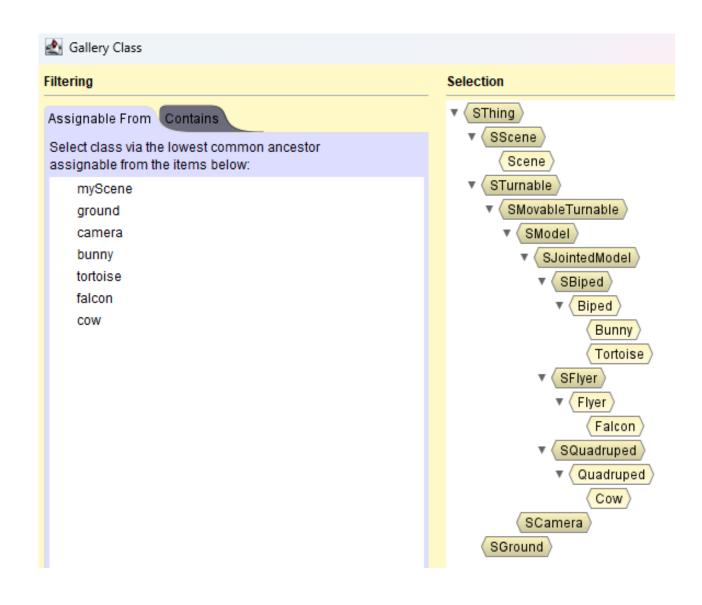
Random	►	E nextRandomIntegerFrom0UpToButExcludingN € ???)
Decimal to Whole Number	►	E nextRandomIntegerFromAUpToButExcludingB €???), €???)
Math	►	EnextRandomIntegerFromAUpToAndIncludingB E ???), E ???)
Custom WholeNumber		

Random		≦ nextRandomRealNumberInRange <u>∋0,0,</u> , ∋1,0
Whole to Decimal Number	•	≦ nextRandomRealNumberInRange ≦ ???), ≦ ???)
Math	•	
Custom DecimalNumber		

Events

(this) add SceneActivationListener
declare procedure sceneActivated
do in order
this myFirstMethod
Image: Strate of the strate
declare procedure timeElapsed Ecevent getTimeSinceLastFire
do in order
drop statement here
this addKeyPressListener add detail
declare procedure keyPressed I Levent isLetter I Levent isDigit I Levent getKey I Levent isKey key:
do in order
if Cevent isKey ST is true then
drop statement here
else
drop statement here
do in order if
declare procedure mouseClicked Ecevent getScreenDistanceFromLeft Ecevent getScreenDistanceFromBottom (Cevent getModelA
do in order
drop statement here
else
drop statement here
drop statement here drop statement here
(this.panda), (this.panda2), (this.panda3), add detail
declare procedure collisionStarted (Eevent getSThingFromSetA) (Eevent getSThingFromSetB)
do in order
drop statement here
(this) addDefaultModelManipulation

Sample of the Gallery Class



DO NOT WRITE ANYTHING ON THE ALICE REFERENCE SHEETS.

TURN IN ALL PAGES INCLUDING THE ALICE REFERENCE SHEETS!