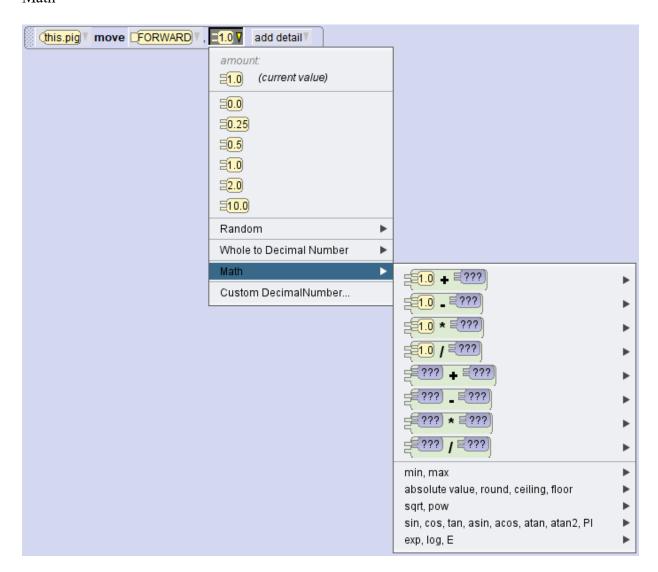
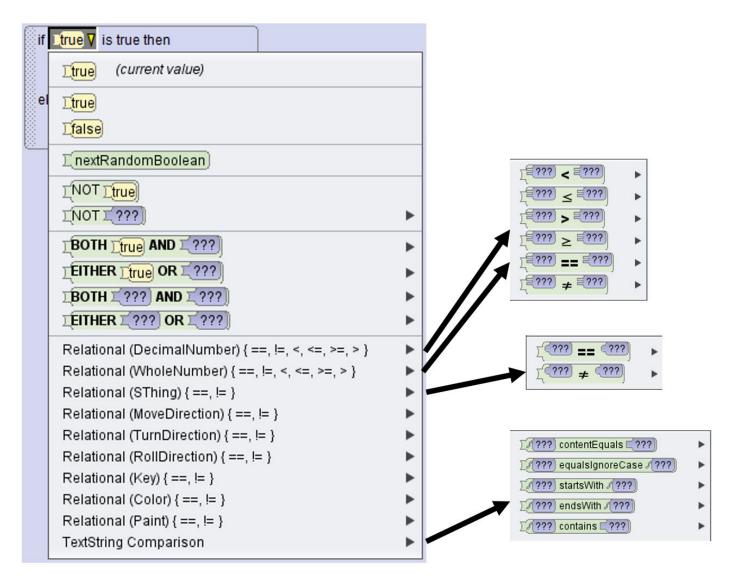
## CompSci 94 Fall 2022 - TEST 2 REFERENCE SHEET

Math



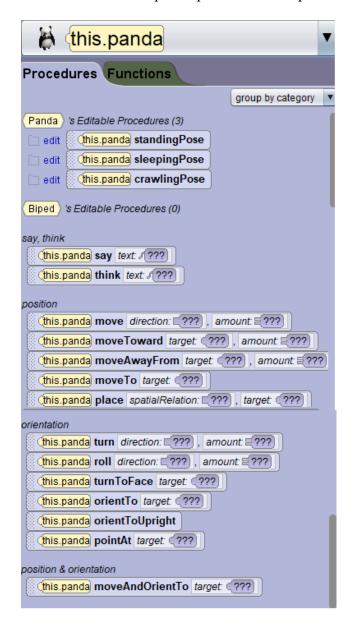
Given below are the condition possibilities for an if statement



Below are the tiles at the bottom of a **procedure** 

```
do in order count while for each in do together each in together variable... assign //comment
```

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



```
this.panda setWidth width: \( \frac{2??}{2??} \)

this.panda setHeight \( height \) \( \frac{2??}{2??} \)

this.panda setDepth \( depth: \) \( \frac{2??}{2??} \)

this.panda resize \( factor: \) \( \frac{2??}{2??} \)

this.panda resizeWidth \( factor: \) \( \frac{2??}{2??} \)

this.panda resizeHeight \( factor: \) \( \frac{2??}{2??} \)

appearance

this.panda setPaint \( paint \) \( \frac{2??}{2??} \)

this.panda setOpacity \( opacity: \) \( \frac{2??}{2??} \)

vehicle

this.panda setVehicle \( vehicle: \) \( \frac{2??}{2??} \)

timing

timing

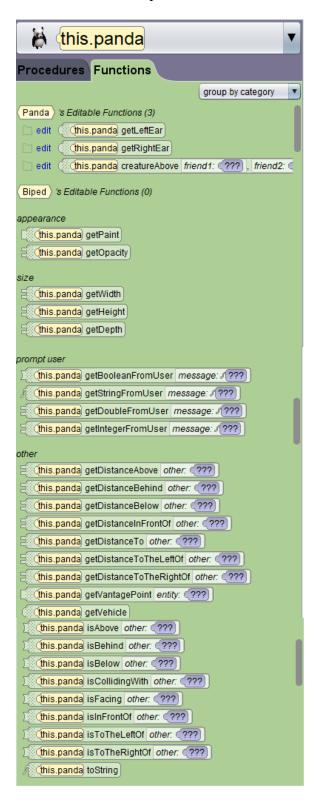
this.panda \( delay \) \( duration: \) \( \frac{2??}{2??} \)

other

this.panda straightenOutJoints
```

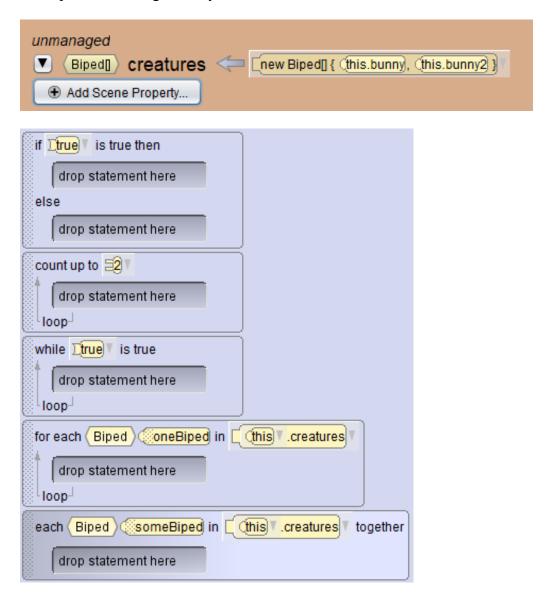


Given below are the panda functions.



```
joints
    (this.panda) getHead
    (this.panda) getLeftAnkle
    (this.panda) getLeftClavicle
    (this.panda) getLeftElbow
    this.panda getLeftEye
    this.panda getLeftEyelid
    this.panda getLeftFoot
    (this.panda) getLeftHand
    (this.panda) getLeftHip
    (this.panda) getLeftIndexFinger
    (this.panda) getLeftIndexFingerKnuckle
    this.panda getLeftKnee
     this.panda getLeftMiddleFinger
     this.panda getLeftMiddleFingerKnuckle
     (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
    (this.panda) getRightThumb
     this.panda getRightThumbKnuckle
     this.panda getRightWrist
    (this.panda) getSpineBase
     this.panda getSpineMiddle
     (this.panda) getSpineUpper
```

If, loops, and creating an array element.



Random Integer and Decimal Numbers

