Scratch !

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http://cs.oregonstate.edu/~mjb/scratch

What Kind of People Need to Tell the Computer Where to Put Things?

Programming from Left-to-Right

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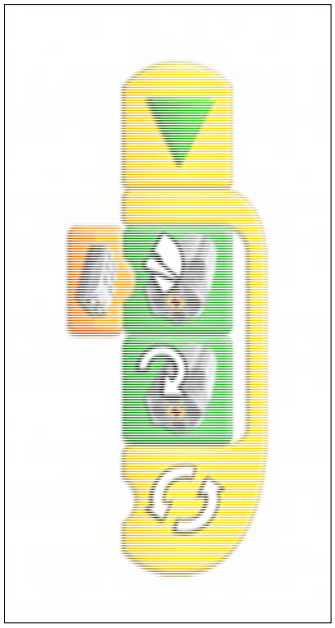
Programming from Top-to-Bottom



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When the Green Flag gets waved, what happens?

http://www.skirtsandscuffs.com/2011_03_01_archive.html

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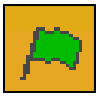
Stand Up



Stand Up

Raise Your Left Hand

Stand Up

Raise Your Left Hand

Put Your Right Hand on Top of Your Head

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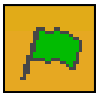

Stand Up

Raise Your Left Hand

Put Your Right Hand on Top of Your Head

Turn Around One Circle

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Stand Up

Raise Your Left Hand

Put Your Right Hand on Top of Your Head

Turn Around One Circle

Repeat 3 Times

Meow Like a Cat

Count to 2

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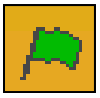

Stand Up

Raise Your Left Hand

Put Your Right Hand on Top of Your Head

Turn Around One Circle

Repeat 3 Times

Meow Like a Cat

Count to 2

Put Your Hands Down

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Stand Up

Raise Your Left Hand

Put Your Right Hand on Top of Your Head

Turn Around One Circle

Repeat 3 Times

Meow Like a Cat

Count to 2

Put Your Hands Down

Sit Down

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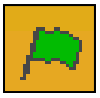

Stand Up

Raise Your Left Hand

Put Your Right Hand on Top of Your Head

Turn Around One Circle

Repeat 3 Times

Meow Like a Cat

Count to 2

Put Your Hands Down

Sit Down

Smile !

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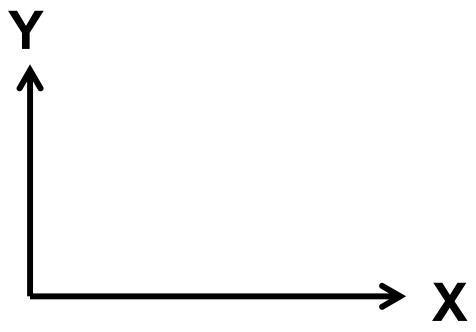

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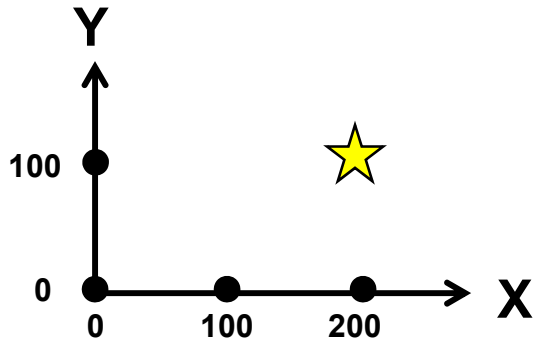

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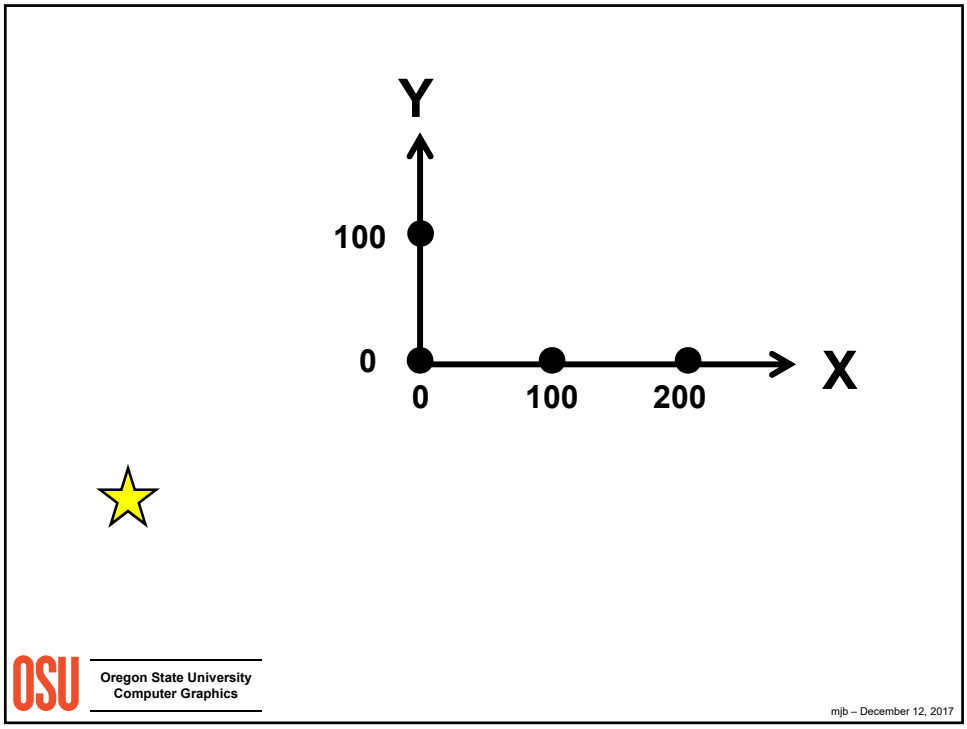
Y
100
0
0
100
200
X
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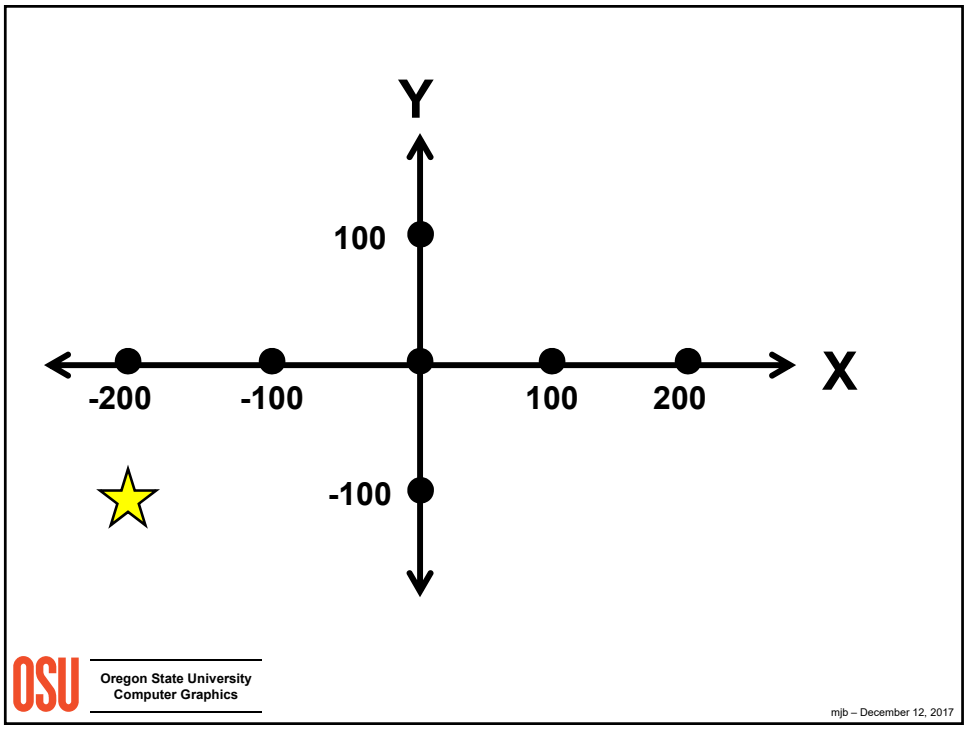
Y
100
-200
-100
100
200
X
-100
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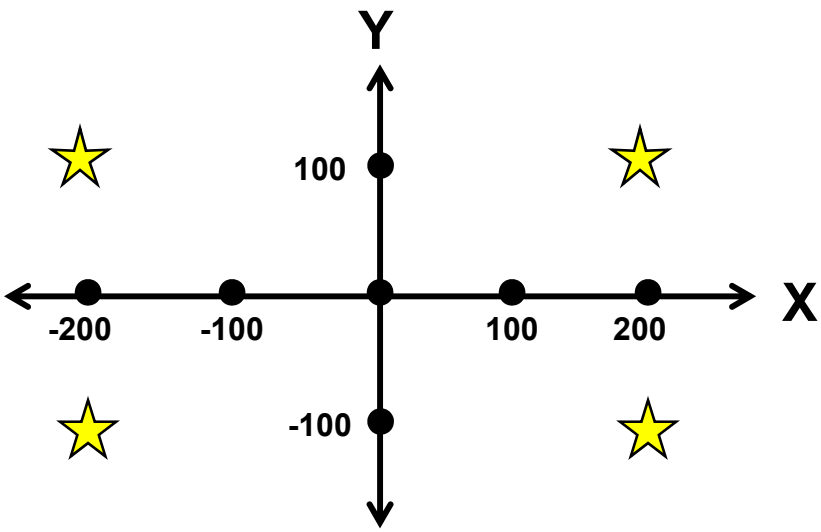

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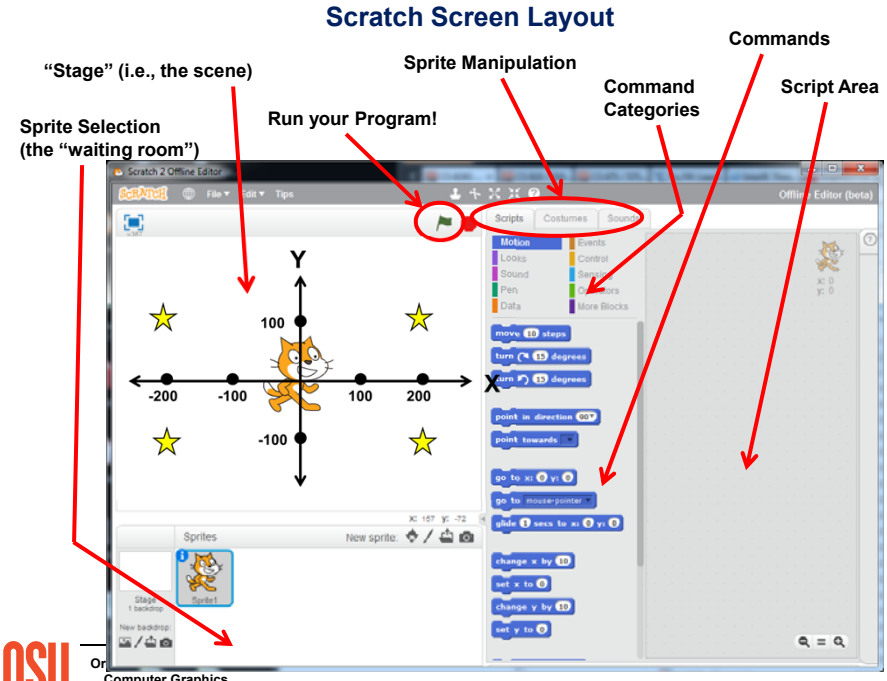
Scratch Screen Layout



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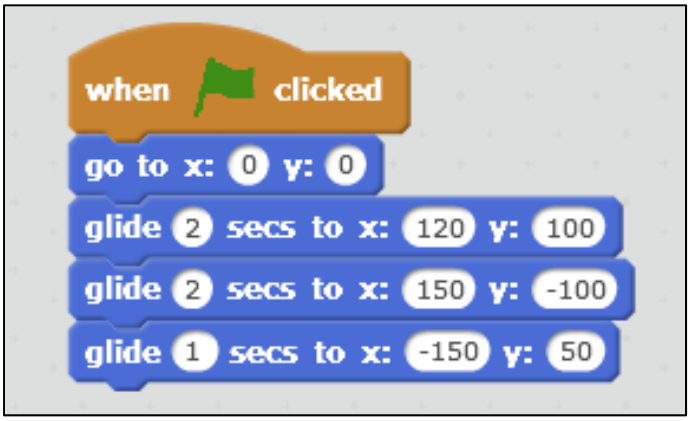
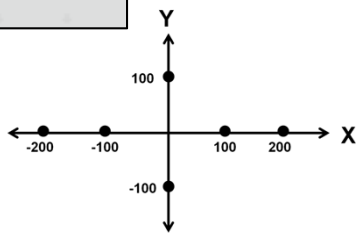
A Good Order to Start Doing Things In

1. Green Flag puzzle piece
   3 Glide pieces
2. Additional actors
   3 Glides for each
3. Glides in a forever loop
4. Turn (rotate) and Change size
5. Turn (rotate) and Change size in Forever loops
6. Multiple Green Flags
7. Background
8. Sound

Move an Actor





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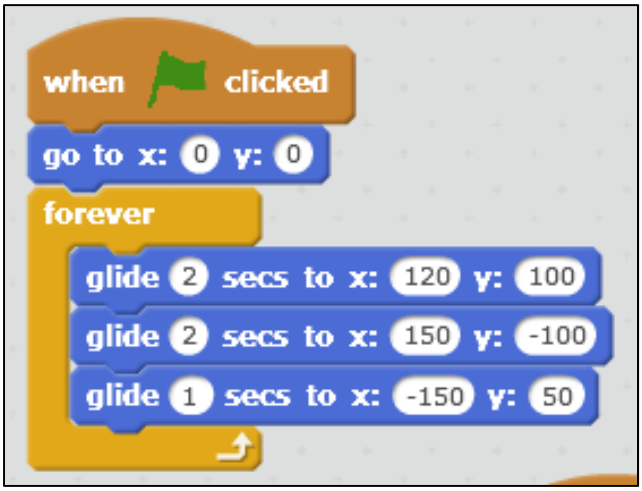
Keep an Actor Moving



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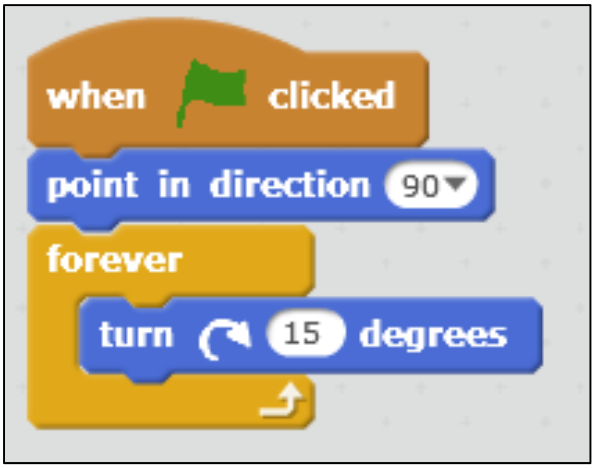
Keep an Actor Spinning



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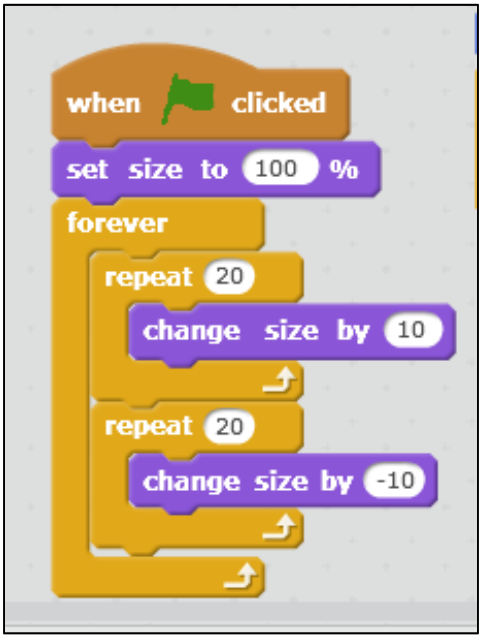
Keep an Actor Changing Size



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When the Green Flag gets waved, does only one car get to start, or all of them?

http://www.skirtsandscuffs.com/2011_03_01_archive.html

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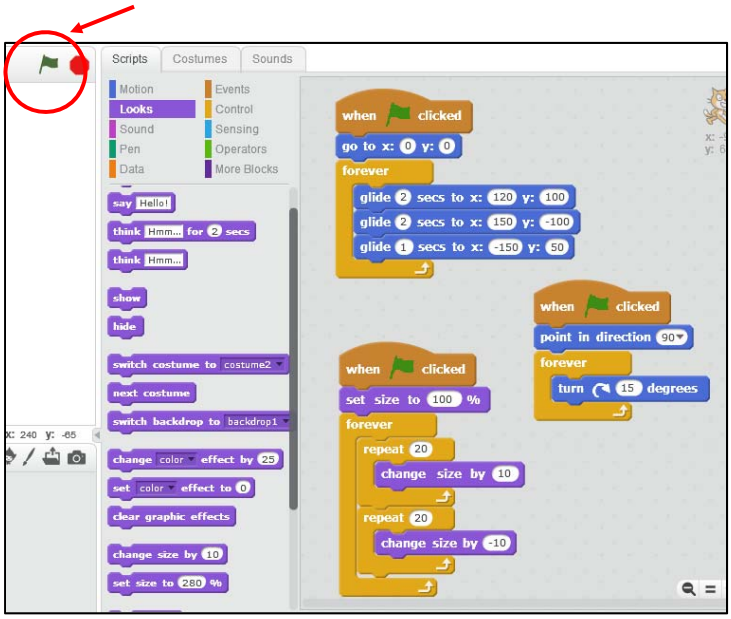
When the Green Flag gets waved, does only one program get to start, or all of them?



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when clicked
play sound meow