

## Lab 9

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- inherit or extend rather than repeat
  - e.g. animals are drawn as circles, so circle-drawing code should only go in one place and not in both Rabbit and Sloth
  - e.g. sloths are drawn like animals with some additional elements – the “like animals” part should be called rather than repeated in Sloth
- only animals have instance variables for position
  - bushes do not know their positions
  - creatures have getters for row, col but do not necessarily have instance variables

## Lab 9

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- be sure to put bushes and creatures in the field
  - use Field's placeRandomly method
  - you do need an array of creatures but you don't need an array of bushes
- check out Field's public methods – this will make implementing the step and reset methods in RabbitHuntSim much easier