

DrawOvalMonteCarlo - NetLogo (C:\1025)

File Edit Tools Zoom Tabs Help

Interface Info Code

Edit Delete Add  | normal speed |  view updates | Settings... | continuous

h 10

w 5

Make Oval w width h height

MonteCarlo

howManyTurtles 2016

On SeePatches

1st step: Make w by h Ellipse

2nd step: MonteCarlo button to get data for an area estimate of the oval.

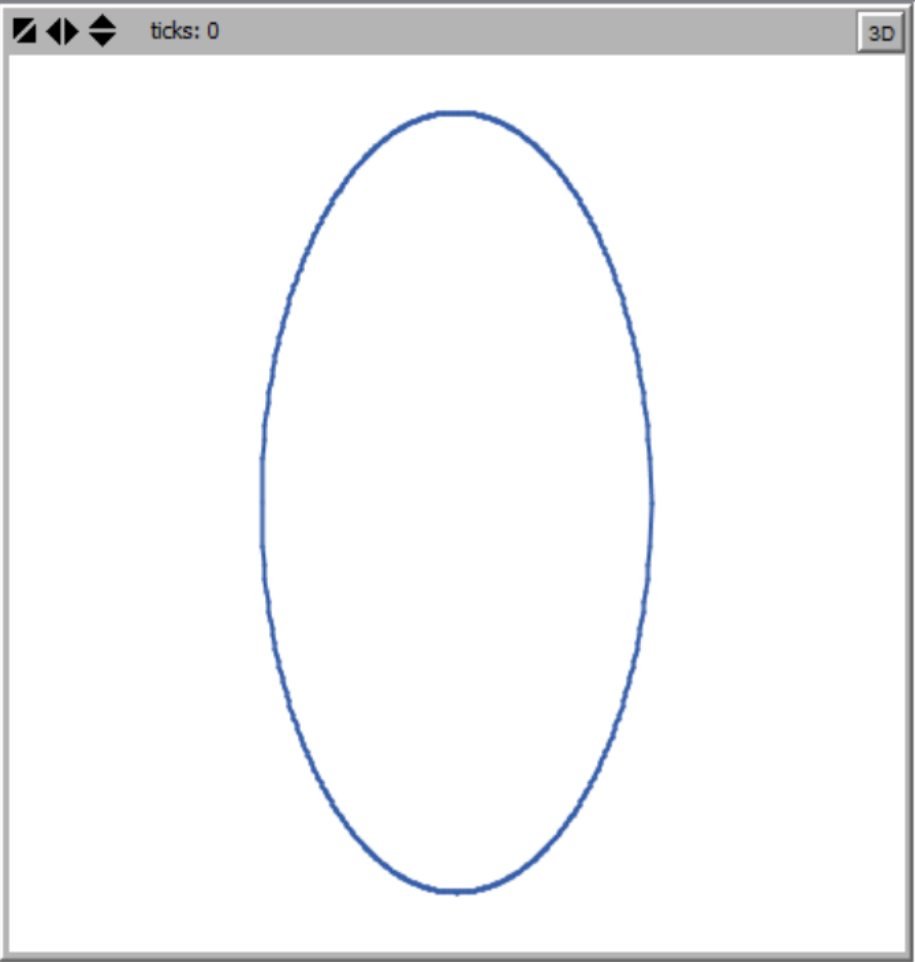
count cows 0

count houses 0

count turtles 0

count patches 529

ticks: 0 3D



Command Center

observer >

Location of origin: Center

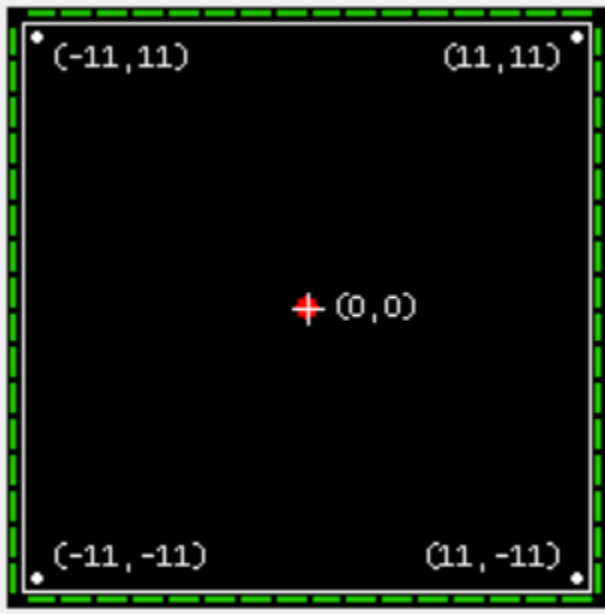
min-pxcor -11  
minimum x coordinate for patches

max-pxcor 11  
maximum x coordinate for patches

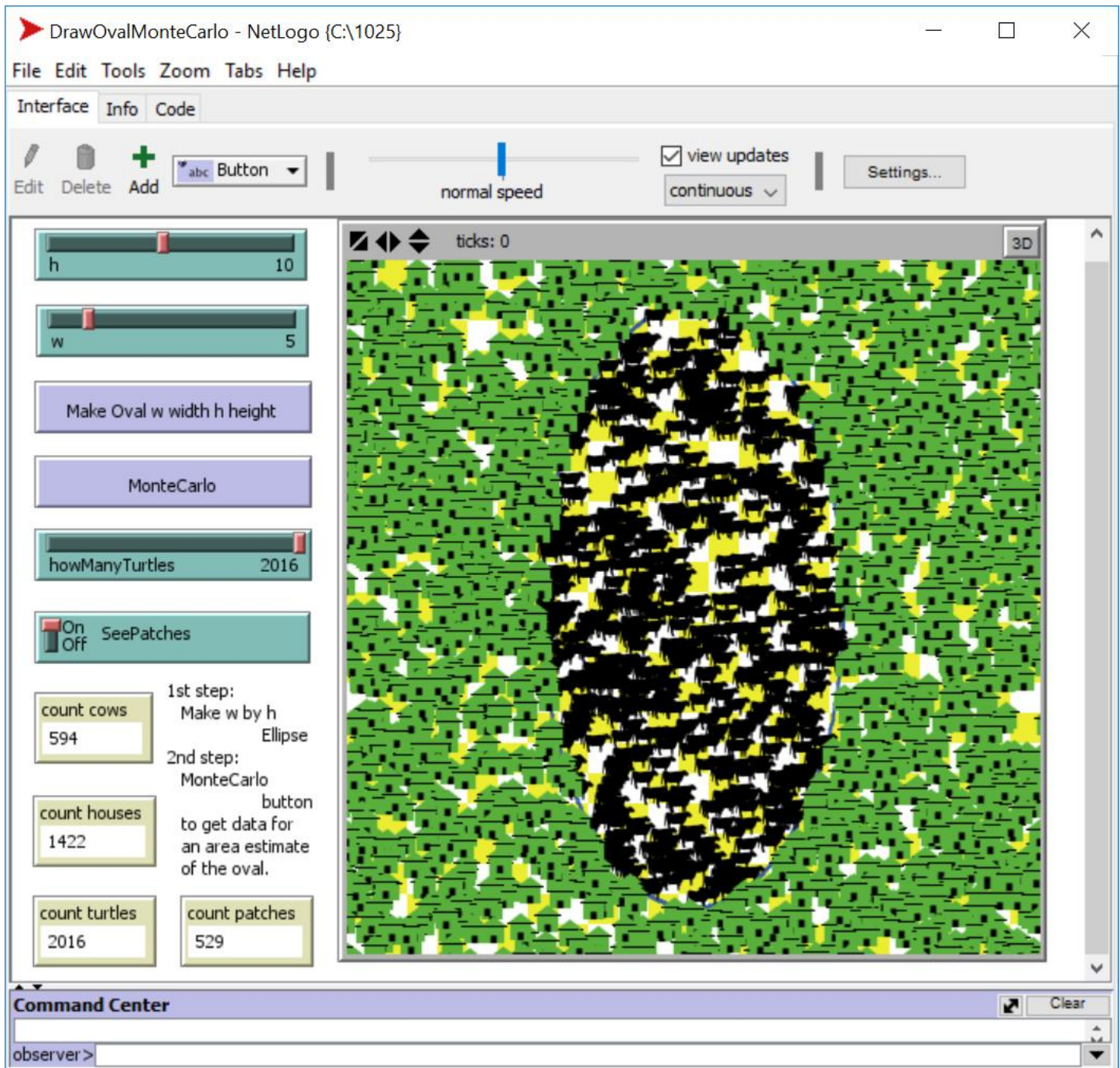
min-pycor -11  
minimum y coordinate for patches

max-pycor 11  
maximum y coordinate for patches

Torus: 23 x 23



For the  
 Wednesday  
 10/05/2016  
 class.  
 Monte Carlo  
 practice.



1. What is a? Using the  $a = b/c \text{ times } d$  formula from: [MonteCarlo11 14 2012.pdf](#)
2. What is b?
3. What is c?
4. What is d?
5. What is the **estimated area of the OVAL**, using the **MONTE CARLO** method and the counts?

This problem is for the Wednesday 10/05/2016 class. Solve it ahead of time on your own, or attempt to solve it.