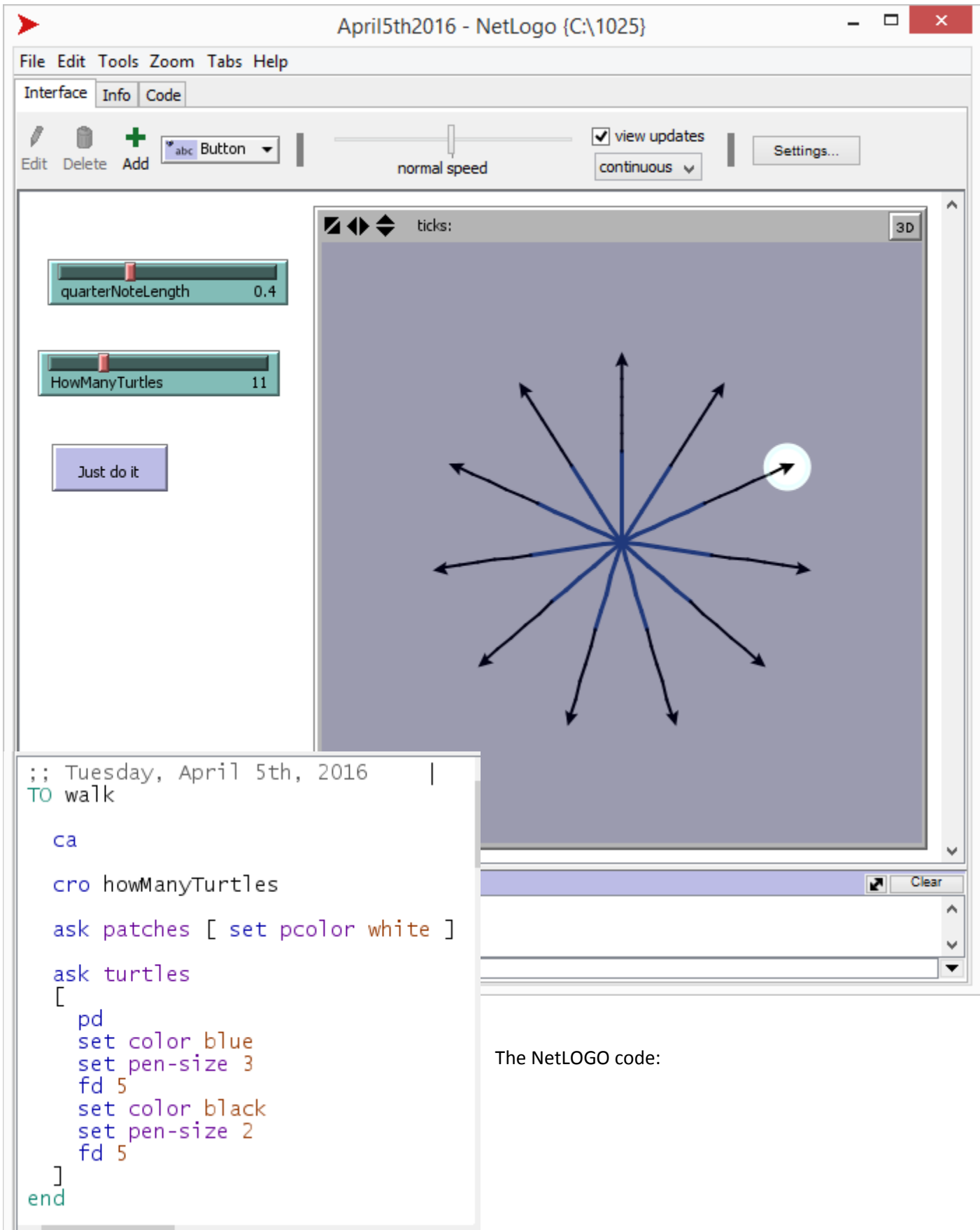


What if we had 11 turtles and we wanted to know the location of the turtle with WHO #2? Location = (xcor, ycor)

Describe (draw and label angles and known side lengths) two different RIGHT TRIANGLES that you could use to solve this problem.



The screenshot shows the NetLogo interface with a central view area containing a white turtle and 11 black arrows radiating from a central point. The interface includes a menu bar (File, Edit, Tools, Zoom, Tabs, Help), a toolbar with buttons for Edit, Delete, Add, and a dropdown menu, a speed slider set to 'normal speed', and checkboxes for 'view updates' and 'continuous'. On the left, there are sliders for 'quarterNoteLength' (0.4) and 'HowManyTurtles' (11), and a 'Just do it' button. A code editor window is open in the foreground, displaying the following NetLogo code:

```
;; Tuesday, April 5th, 2016 |
TO walk
  ca
  cro howManyTurtles
  ask patches [ set pcolor white ]
  ask turtles
  [
    pd
    set color blue
    set pen-size 3
    fd 5
    set color black
    set pen-size 2
    fd 5
  ]
end
```

The NetLOGO code:

What is the slice size?

What is the heading of the turtle with WHO #0?

What is the heading of the turtle with WHO #1?

What is the heading of the turtle with WHO #2?

Draw the right triangle associated with the WHO #2 turtle and label angles and legs and hypotenuse with what is known of GIVEN in the problem or with what the GOAL is, if it is something you want to FIND and NEED TO KNOW.

What is the xcor of the turtle with WHO #2?

What is the ycor of the turtle with WHO #2?

