

Testing and debugging

Homework #8

Due Wednesday, Sep 24, 2025

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Homework

Homework Exercises:

- **Everyone:**
 - Railsback & Grimm, Ch. 6, Ex. 6.2, 6.3
- **Graduate Students**, also do the following:
 - Railsback & Grimm, Ch. 6, Ex. 6.4, 6.5

Notes on Homework:

You do not need to turn anything in for Exercise 6.2. This is an exercise to try for the experience

A hint for exercise 6.3: Patches have integer coordinates (representing the center of the patch). How does the turtle determine the angle to face during *setup*? How does it determine the angle to face in *go-back*? Can you think of a different way to record the path so the *go-back* exactly retraces the path it took during *setup*? If you knew the direction the turtle was heading at each step during *setup*, could you use this heading information to exactly retrace the path?