Section 1.1 Exercises

WDRP - Simple Discrete Models in Biology and MATLAB

1. Exercise 1.1.2

   - In part a) the phrase "increment of 1 in t" might be confusing. It's just saying that your time should be measured in "half an hour". So $t = 1$ is 0.5 hours, while $t = 2$ is 1 hour.
   - For part b) make the graph using MATLAB over a 24 hour period. Don't worry about explicitly writing a table, as this will be implicit in your arrays for the plot.

2. *Exercise 1.1.4

   - Don't worry about doing exercise 1.1.3 by hand, just do it in MATLAB as it says in 1.1.4.

3. Exercises 1.1.5

   - In addition to just ad hoc trying a bunch of iterations, use a while loop.

4. *Exercise 1.1.7

5. Exercise 1.1.8

6. *Exercise 1.1.10

7. Exercise 1.1.13

8. *Exercise 1.1.15 & 1.1.16

   - These two are related in some sense.