Due: Friday, April 26, 2019

1. Page 903, exercise 14
2. Page 915, exercise 36
3. Page 926, exercise 6
4. Using the “Pumping Lemma” of exercise 22 on page 926, show that the set \( \{1^n|n \geq 0\} \) is not regular.
5. Extra Credit
   Do any/all of the five problems at the end of the notes on the finite state machine for the Towers of Hanoi moves.