Exercises 2 – 5 are programming problems. Submit them in a single file named a06.rkt electronically per the instructions for your course.

1. Study Hailperin, Sections 7.1, 7.2, 7.3, 7.4, 7.5.

2. Do Hailperin, Exercise 7.8(f).
   Name your function largest-in with one parameter. If the list is empty, print an error message using the display function (not the error function).

3. Do Hailperin, Exercise 7.9(a).
   Return #f if the lists are not the same size and #t if they are both empty. Be sure to name your function list-< as specified by the problem.

   Name your function my-map.

5. Do Hailperin, Exercise 7.42.