1. For each of the below RGB colors, give the equivalent HSL (Hue-Saturation-Luminence) specification.

   a. $R = 1, G = 1, B = 1.$
   b. $R = 0, G = 1, B = 0.$
   c. $R = 0, G = \frac{3}{4}, B = 0.$
   d. $R = 0, G = \frac{1}{2}, B = 0.$
   e. $R = 0, G = \frac{1}{4}, B = 0.$
   f. $R = \frac{1}{3}, G = 1, B = 0.$
   g. $R = \frac{1}{4}, G = 1, B = \frac{1}{4}.$
   h. $R = \frac{1}{4}, G = 1, B = \frac{1}{2}.$
   i. $R = \frac{1}{4}, G = 1, B = \frac{5}{8}.$
   j. $R = \frac{1}{4}, G = 1, B = 1.$

   The purpose of these exercises is to help you understand how hue (H), saturation (S), and luminance (L) work. Of course, the answers can be obtained by simply using the procedure in Chapter 6. But you should also try to understand the intuition behind the HSL values. Note that parts b.-e. have a lot of similarity. Likewise, parts g.-j. and to a lesser extent f.