Chapter 6 Digital Display Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

WAM Partners\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Questions

1. In a 7-segment LED display, what is the active ingredient that makes the display readable when a microcontroller sends a high or low signal?
2. What does common cathode mean? What do you think common anode means?
3. What is the group of wires that conduct signals to and from a parallel device  called?
4. What is the name of one of the commands in this chapter that are used to handle lists  of values? (Hint: we didn’t use LOOKDOWN)

Exercises

1. Write an **OUTH** command to set P8, P10, P12 high and P9, P11, P13 low. Assuming all your I/O pins started as inputs, write the **DIRH** command that will cause the I/O pins to send high/low signals while leaving P14, P15 configured as inputs.
2. Write the values of **OUTH** required to make the letters: a, C, d, F, H, I, n, P, S.