Gradescope Assignment: Due 2/8/21
0 pts for no work
2 pts for attempt
4 pts for full answer

1. Problem 2.1.29 from the textbook. Note, you'll need to use the initial condition to figure out the constant C. This picks one path among many possible ones (see the discussion of 2.1 in the notes). See also the full discussion of Example 3 in Section 2.1

2. Problem 2.1.37 from the textbook. So maybe this is hidden in a lookup table, but I personally found the trick

$$\begin{aligned} cy + d =& \frac{c}{a}(ay + b - b) + d \\ =& \frac{c}{a}(ay + b) + d - \frac{bc}{a} \end{aligned}$$

   to be really, really helpful.