0.248 for a0

**Q1**: Don’t answer

**Q2**: 3 Different amplitude signals, #1 at 254.7 mV, #2 at 410.3 mV, and #3 at -194 mV

**Draw h[n]** ( h[0] = b­­0, h[1] = b1, h[2] = b2)

**Part 3**

1. 4 pulses:
   1. 245.8 mV
   2. 656.4 mV
   3. 214.6 mV
   4. -205.6 mV

**Part 4**

1. **Measure the discrete input and output**
   1. Input: 4.137 V (5ms width) (Looks like it took the sin wave but zeros out at 0 for about 5 ms)
   2. Output: took the ramp function and made it into a step function by using the z-transform delays
      1. Values from 0-4
         1. 0 V (3.4ms width) *Starts 1.3 ms after*
         2. 0.5 V (1.4 ms)
         3. 3 V (1.4 ms)
         4. 4 V (1.4 ms)
         5. 3.1 V (1.4 ms)
         6. 0.5 V (1.4 MS)
         7. 0 v (3 ms)



