Name: Nikita Filin

2. Find the Bit pattern **[1.5 pts]**

* Symbol 0 bit pattern: 1000

* Symbol 1 bit pattern: 1110
* Full bit pattern: 1000100010001000111011101000100011101110100011101000111010001110111011101110111011101110100010001

*Symbol 0:*

*A screenshot of a computer

Description automatically generated*

*Symbol 1:*

*A screenshot of a computer

Description automatically generated*

*Full bit pattern:*

*A screenshot of a computer

Description automatically generated*

3. Find the Symbol Duration **[0.5 pt]**

* Symbol duration: 1.08 ms = 1080 μs
* Audacity calculation: <if used>

A screenshot of a computer

Description automatically generated

4. Find the Bit Duration **[0.5 pt]**

* Calculation: 1.08 / 4 = 0.27 ms = 270 μs

*Any screenshots here [or attached]*

5. Find the Pause Duration **[0.5 pt]**

* Pause Length: 7.57 ms
* Audacity Calculation: <if used>

*A screenshot of a computer

Description automatically generated*

*A screenshot of a computer

Description automatically generated*