**Mid Theory Assignment**

**Use your: ID = AB-CDEFG-H**

**If your number is (0,1,2,3,4) use binary bit 0**

**If your number is (5,6,7,8,9) use binary bit 1**

**For example: your ID = 20-23452-1**

**Then CDEFH is 23451. So, your binary bit is 00010**

1. Convert **CDEFH** to a digital signal assuming the previous non-zero level was positive for the following line coding schemes:
   1. NRZ-I
   2. Differential Manchester
   3. MLT-3