Homework 6

Due: Wednesday 11/11 at 1:20pm

Complete the following. Submit the following problems on paper or via email.

1. (5 points) Convert the following string of bits into base64 encoding:

   11010100 01011011 11111100 11101101

2. (6 points)
   (a) Use the Hamming code we discussed in class to encode the string 1111.
   (b) Decode both the correct word generated in the previous part and a bitstring that differs from that
codeword in 1 place (you pick where to introduce an error).