

HOMEWORK 02  
CSCI 160  
SPRING 2025

Name:								
EMPLID:								

For each question below, write your answer in the appropriate box. That is where Gradescope will look. You can use the rest of the space for calculations.

**Consider an 8-bit register containing the bit sequence 10110110**

1. What number (written in decimal) does that represent in BCD?

2. What number (written in decimal) does that represent in excess-3 code?

3. What number (written in decimal) does that represent as a 1's complement integer?