

H.W. #17 CpE 100 Spring 2021

Show your work for credit (!) and put a box around each of your answers if possible!

1. Design, and simulate the operation of, a full-adder bit showing the carry out and sum outputs for all possible inputs. (5 points)
2. In your own words what is a gray code? Why are gray codes used? (2 points)
3. Explain how to do subtraction using full-adders. (2 points)