Problem 1 (10 points): Problem 1(a,b) in Chapter 5 of MLS

Problem 2 (10 points): Problem 2(a,c) in Chapter 5 of MLS

Problem 3 (10 points): Problem 3(b) in Chapter 5 of MLS

Problem 4 (10 points): Problem 4(a) in Chapter 5 of MLS