Exercise 1.

Exercises 15.4 and 15.9 from the book of Chong and Zak.

Exercise 2.

Exercise 16.2 (without (f) and (g)) from the book of Chong and Zak.

Exercise 3.

Exercise 16.3 from the book of Chong and Zak.

Exercise 4.

Exercise 16.4 from the book of Chong and Zak.