1. Please solve Exercises 7.2.5, 7.3.2, 7.3.4, and 7.4.5 from your textbook. 
   I suggest solving Exercise 7.3.4 before solving 7.3.2. 
   A hint for Exercise 7.2.5: Prove that \( f - f_n \) is integrable (at least, for \( n \) large enough) 
   and then use Theorem 7.4.2.