STA 3032 Homework 4
Due on October 17, 2022 at 11:59 p.m.

Instructions:

- Submit the following file to the relevant dropbox on course website.

    1. **One single pdf file** of your report showing your steps, answers, and R output if necessary. This file should be named HWx_*Last*.pdf, where x is the homework number and *Last* is your last name (e.g., HW1_Lee.pdf).

- **No late homework will be accepted.** Make use of the dropping policy stated in the syllabus if you are unable to meet the deadline.

- In the following, WMMY refers to our textbook by Walpole, Myers, Myers, and Ye.

Assignment:

1. WMMY Exercise 6.2.

2. WMMY Exercise 6.8.
   Find the answers first using a standard normal table (e.g., Table A.3 in WMMY), then using R. Show all your work (i.e., z-scores and R output).

3. WMMY Exercise 6.9.
   Follow the same instructions given for Problem 2.

4. WMMY Exercise 6.14.

5. WMMY Exercise 6.22.

6. WMMY Exercise 8.26.

7. WMMY Exercise 8.30.