**Problem Set 5&CA6**

Please complete the following problems in Jupyter notebook.

1. Problem 17 of Chapter 10, 13th edition, page 459
2. Problem 31 of Chapter 10, 13th edition, page 470 (add question d: at 1% significance level, test the hypothesis whether proportion of women trusting Pinterest recommendations is more than that of men.)
3. Problem 7 of Chapter 11, 13th edition, page 493
4. Problem 19 of Chapter 11, 13th edition, page 501