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| **Chapter 11 (Pages 285 – 300)**  **Vocabulary:** random, generating random numbers, simulation, simulation component, trial, response variable, statistical significance, unbiased, random number tables, pseudorandom numbers |
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| **CHAPTER 11 OBJECTIVES:** |
| * Recognize random outcomes in a real-world situation. |
| * Know when to use a simulation to usefully model random behavior in the real world. |
| * Generate random numbers. |
| * Choose a random sample. |
| * Randomly assign subjects to experimental treatments. |
| * Simulate real-world outcomes. |
| * Describe a randomization process or a simulation explicitly so that others can understand your plan and repeat the process. |
| * Discuss results of a simulation study and draw conclusions about the question being investigated |

**TUESDAY, 2.25.25**

**Discuss the previously assigned work: #24 on page 304**. Using the simulation components that we discussed in class on Thursday, 2.20, be sure that you have completed 10 trials, and be ready to show and discuss your results. Please see Thursday’s notes in Google Classroom.

Study for a **C. 11 Quiz** (*Simulation Concepts)* to be taken on Thursday. You may **Not** use your notes.

**Class Work/Homework:**

Page 305 (#40 and #42).

**THURSDAY, 2.27.25**

**Chapter 11 Quiz**

**Discuss the previously assigned problems:** Page 305 (#40 and #42).

**Class Work/Homework:** Page 305 (#43).

**FRIDAY, 2.28.25**

**Discuss #43 on page 305.**

**Class Work/Homework:** *Simulation Practice* (Handout)