Exercise 9.

In reference to question 10

 Students applying to graduate schools in many disciplines are required to take the Graduate Record Examination (GRE); essentially, it is the graduate school equivalent of the SAT. Let’s say an enterprising student develops a course she believes will increase students’ GRE scores. She develops a sample of 25 students believed to be representative of the larger college student population and puts them through this course. Next, they take the GRE and receive a mean score of 1075.00. Assuming the GRE has a population mean (μ) of 1,000 and a standard deviation (σ) of 200, does the course appear to significantly increase GRE scores?