Final assignment of the Statistical Inference course

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Part 1. Central limit theorem

Overview: In a few (2-3) sentences explain what is going to be reported on

Simulations: Include English explanations of the simulations you ran, with the accompanying R code. Your explanations should make clear what the R code accomplishes

Sample Mean versus Theoretical Mean: Include figures with titles. In the figures, highlight the means you are comparing. Include text that explains the figures and what is shown on them, and provides appropriate numbers

Sample Variance versus Theoretical Variance: Include figures (output from R) with titles. Highlight the variances you are comparing. Include text that explains your understanding of the differences of the variances

Distribution: Via figures and text, explain how one can tell the distribution is approximately normal