



<u>Ch 4 # 67</u> A fair coin is tossed *n* times, and the number of heads, *N*, is counted. The coin is then tossed *N* more times. Find the expected total number of heads generated by this process.

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Question 2: Use R and Monte Carlo Integration (but not the built in normal pdf or cdf) with n=1000 to estimate P(0<Z<1) (as discussed in example A on page 165). Report the code you used and the results of 10 of your simulations. Compare your finding to the actual value.

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