

# Week-1,Stats 25-26

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1. Larsen and Marx (5th ed) Problems 2.2.9, 2.2.14, 2.2.20, 2.2.29, 2.2.36, 2.3.3,2.3.18,2.4.9, 2.4.11,2.4.22, 2.4.30,2.4.51,2.5.20,2.5.30,2.7.1, 2.7.24.
2. (Challenge) Suppose a fair coin is tossed 10 times, what is the probability that the sequence TTT (a tail followed by a tail followed by a head) does not appear?
3. Make sure that you have read Kolmogorov axioms and all the different proofs of facts that follow the axioms in Larsen and Marx.