COMP9020 Week 9 Recap

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- Combinatorics:
 - Disjoint sets, inclusion-exclusion rule
 - Cartesian products, counting sequences
 - Permutations and Combinations
 - Sequences with/without replacement and with/without ordering, Balls in boxes
- Probability
 - Sample space
 - Probability distribution, uniform probability
 - Combining Events
 - Events from the same set of outcomes
 - Events involving different sets of outcomes
 - Independent events



Need to know for this course

- Counting based on basic set operations (union, intersection, etc)
- Four different types of sequences, their notation, and how to count them (i.e. formulas)
- Basic probability calculations

