Mathematics of Voting – Homework #2

#1 Which voting systems satisfy the Majority Criterion, but not the Condorcet Criterion?

#2 Construct a preference schedule which demonstrates that runoff voting violates the Monotonicity Criterion.

#3 Using the notation developed in class, give a formula (or at least an algorithm) for the Borda count, expressed as a function $V$ which eats preference schedules and spits out permutations.