1. Consider the following ballots for an election with four candidates A, B, C, and D.

   A A D B C B B
   D B A C A D A
   B C C D D A C
   C D B A B C D

   Use the plurality runoff method to determine the winner.

2. Consider the following ballots for an election with four candidates A, B, C, and D.

   A A D B C
   D B A C B
   B C C D D
   C D B A A

   What happens when you try to apply the plurality runoff method?
3. Consider the following ballots for an approval election with four candidates
   A, B, C, and D.

<table>
<thead>
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</table>
   A  |   |   |   |
   B  | X | X | X | X |
   C  |   | X | X |
   D  |   |   | X |

   Determine the winner and the first runner-up.

4. You are voting in an approval election, and you like all of the candidates.
   Discuss why it is pointless to approve of every candidate.