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Problem : Calculate the potential of a concentration cell with anode concentration of 1 M and cathode concentration of 0.01 M at 75 o C. Knowing the Nernst Equation and realizing that the temperature is not 25 o C, we write that: $E = E^o - (RT/nF) \ln Q$ E o for any concentration cell is zero so, after plugging in all the numbers we find that: $E = 0.035$ V.

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