Q. Calculate the reduction potential & oxidation potential of $Cr \mid Cr^{+3}$ at $25°C$

$$\mathcal{E}^°_{Cr^{+3} \mid Cr} = -0.75V$$

Q. Calculate the emf of the cell (E_{cell})

$$Zn \mid Zn^{+2}_{(0.1M)} \parallel Sn^{+2}_{(0.001M)} \mid Sn$$

$T = 25°C (298K)$

$$\mathcal{E}^°_{Zn^{+2} \mid Zn} = -0.76V \quad \text{and} \quad \mathcal{E}^°_{Sn^{+2} \mid Sn} = -0.14V$$