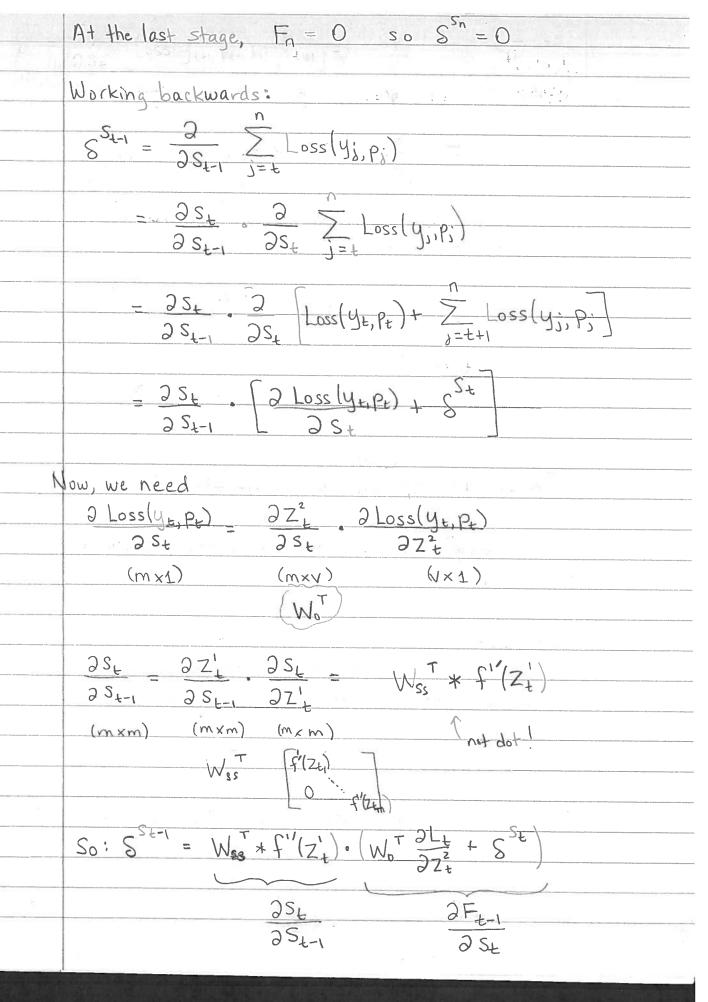
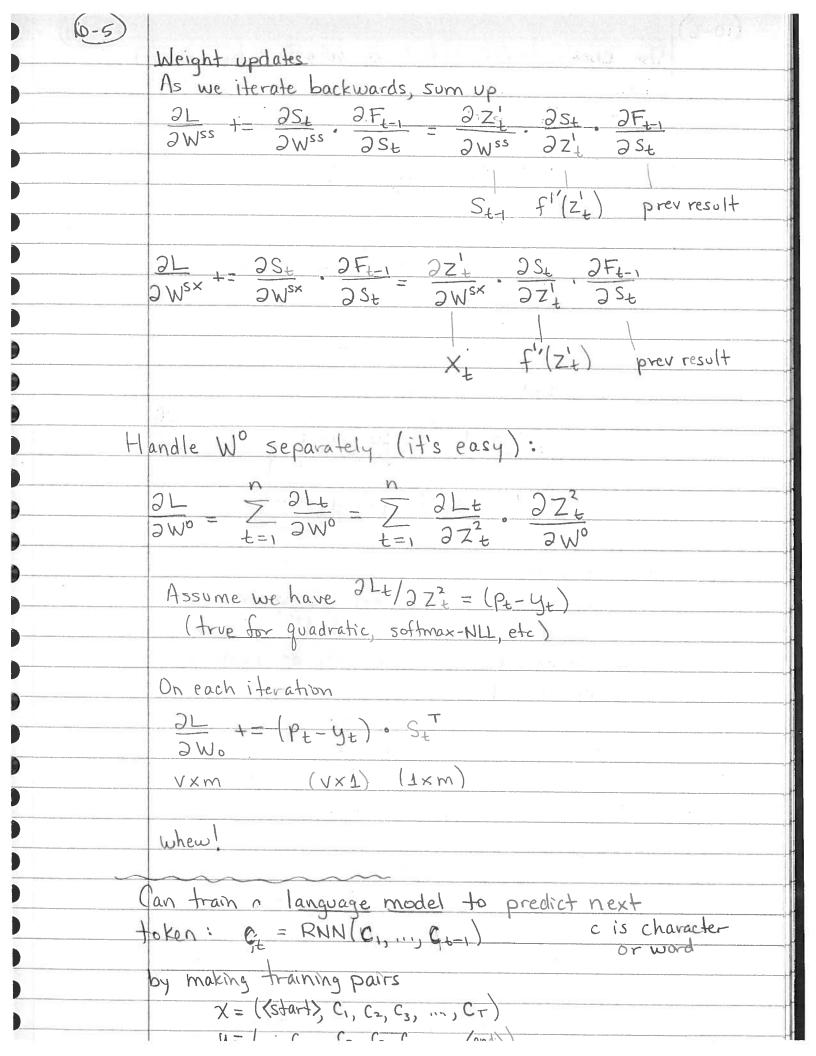
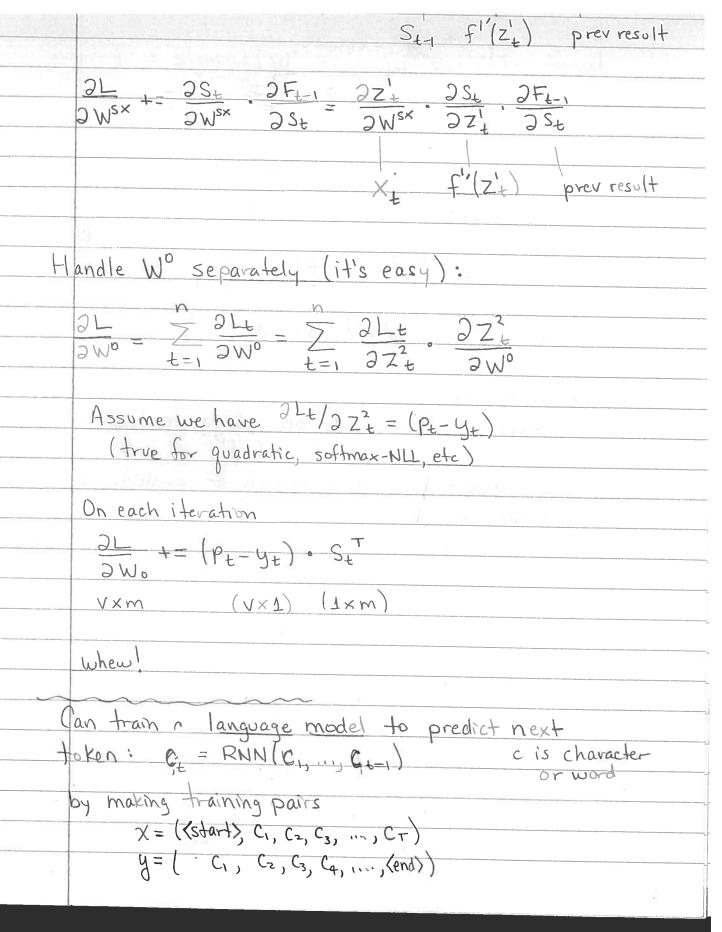


```
(L 10-4) Ft = Z Loss (yu, Pu) Future loss
                      Trickiest part is figuring out how early states
                       contribute to late losses
                       At the last stage, F_n = 0 so S^{s_n} = 0
                       Working backwards:
                        S^{S_{L-1}} = \frac{2}{2S_{L-1}} \sum_{i=1}^{\infty} Loss(y_i, p_i)
                                 \frac{\partial S^{f-1}}{\partial S^{f}} = \frac{\partial S^{f}}{\partial S^{f}} = \frac{\partial S^{f}}{\partial S^{f}} = \frac{1}{1 - 1} \left[ -\cos \left( A^{2} \cdot b^{2} \right) \right]
                                 -\frac{2S_{t}}{2S_{t-1}}\frac{2}{2S_{t}}\left[Loss(y_{t}, p_{t}) + \sum_{j=t+1}^{11} Loss(y_{j}, p_{j})\right]
                                 = 25t (2 Loss lyt, Pt) + S<sup>5</sup>t
                     Now, we need
                          \frac{\partial \operatorname{Loss}(y_{t}, p_{t})}{\partial S_{t}} = \frac{\partial Z_{t}^{2}}{\partial S_{t}} \cdot \frac{\partial \operatorname{Loss}(y_{t}, p_{t})}{\partial Z_{t}^{2}}
                                                                              (1×1)
                                 (m \times 1) (m \times V)
                           2St 2Z' 2St = Wss * f'(Zt)
                           2 St-1 2 St-1 22't
                           (mxm) (mxm) (mxm) I not dot
39
3
                          So: SSE-1 = Wss * f'(Z') . (Wo 272 + SSE)
```







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