```
输入: acin) = ocw (in) x++ bcin)
       隐長: ht= o(Uatin) +Vht+th
                                                                                                                      Ot= o(Wht+b)

\frac{\hat{r}_{t} = Softmax (ht)}{Soft}

\frac{1}{Soft} = \frac{1}
                  使用交叉熵: L= In-rt logrit
                                                \frac{95}{90(5)} = -\frac{(1+6-5)_5}{-6_{-5}} = \frac{(1+6-5)_5}{6_{-5}} = 2(5) \cdot (1-4(5))
     \frac{x+3 \cdot 50ft Max \cdot 2 \cdot 2i}{2 \cdot 50ft Max \cdot (Xi)} = \frac{e^{Xi}}{2 \cdot e^{Xi}} \frac{A(X_1, ..., X_c)}{2 \cdot e^{Xi}} \frac{F(Soft Max(Xi))}{2 \cdot e^{Xi}} = \frac{e^{Xi}}{2 \cdot e^{Xi}}
\frac{2 \cdot 50ft Max(Xi)}{2 \cdot e^{Xi}} = \frac{e^{Xi}}{2 \cdot e^{Xi}} \frac{e^{Xi}}{2 \cdot e^{Xi}} = \frac{e^{Xi}}
                                                                                                                                                                                                                                                                                                                                              artia alt articouti
                                                                                                                                                                                                                                                                    reil CI-Feil - Irti, Feil
                                                                                                                                                                               =-\(\frac{\text{Tr}}{\text{rej}-\text{rej}}\) = \(\frac{\text{Tr}}{\text{rej}-\text{rej}}\)
```

10 (cont) = 分 (cont) - 分 (cont) - 1 (ty-Lt) - 1 (cont) - 1 (cont 3W (out) = 3ht out) - Tr (tt-rt lot 30 = 3htone 30+ = It (Lt-L+). M(cont) 3M = 90+ 3M = IL CLE-LE) M(ONF) · OF (1-0F), HE 3L = Ir (R-rt) W cont) O (1-0t) 以对比的稀楚包含hty末户对而当七=下时只有ot 数+≠下时:3/t=(3/ty) 30t+(3/ty) T3/Lt =OtCl-ot) WT (rt-rt) · Wood) + hen (1-hen) · VT - 2/th += Tr: 上寸 HA前半部分: at Cin) T 3/ = I ht CI-KD) THE . HEY 3bh = I htC1-ht) dlt 3/2 = I he(1-he) 3/4 UT