```
4,0
       Ria
      1180
Butelil
                        221900
                        5 38000
         2570
                        180000
        770
Batch 2
                        604000
         1960
stepl: (2:0, yia) in=0.01, epochs=1, m=-1, (=-1
      iter = 1 1 batch = 1
calculation gradient with respect to mil
 De = -1 Z [(yia - maia -c) (nia)
       = -1 \frac{2}{2} \left[ (y; \alpha - maia - c) (n; a) \right]
      = - 1 [[221900 - (-1)(1180) - (-1)] (1180) +
              (538000 - (-1)(2570) - (-1)] (2570)]
      = - 1 [(221900 + 1180 +1)(1180) + (538000 +.
             2570.41)(2510)]
      - - - [223081(1180)+ 540571(2570)]
      = - [ 263235550+1389267UT6]
          7 [ (657503000)
```

$$\frac{\partial E}{\partial c} = \frac{-1}{-1} \sum_{b \leq i=1}^{b \leq i} (y_i a - m \alpha_i a - c)$$

$$= \frac{-1}{2} \left[ 223081 + 540771 \right]$$

$$= -381826$$

$$\Delta m = -m \cdot \frac{\partial E}{\partial m}$$

$$= -(0.01)(-826251525)$$

$$= 8262515.25$$

$$DC = -\eta \cdot \frac{\partial C}{\partial C}$$

$$= -(0.01)(-381826)$$

$$= 3818.26$$