Assignment -3

$$s-1$$
:- $m=1$, $c=-1$, $\eta=0$. () epocs = 2, $M_s=2$

$$\frac{3-2}{1-3} = \frac{3-2}{2} = \frac{3-2}{2} = -(3.4) - 1(0.2) + 1) \cdot 0.2$$

$$\frac{3-2}{1-3} = -(3.4) - 1(0.2) + 1) \cdot 0.2$$

$$\frac{3-2}{1-3} = -(3.4) - 1(0.2) + 1) \cdot 0.2$$

$$\frac{5-5}{5} = \frac{-4.2}{2m} = -(0.1)(-0.84) = 0.084$$

$$\frac{5-5}{5} = \frac{-(0.1)(-0.84)}{2m} = 0.084$$

$$\Delta m = -1.\frac{\partial E}{\partial m} = -(0.1)(-4.2) = 0.42$$

$$\Delta c = -1.\frac{\partial E}{\partial m} = -(0.1)(-4.2) = 0.42$$

$$\frac{567}{567} m = m + \Delta m = 1 + 0.084 = 1.084$$

$$\frac{567}{567} m = m + \Delta m = 1 + 0.084 = -0.5$$

$$m = m + \Delta m = 1 + 0.084$$
 $C = c + \Delta c = -1 + 0.42 = -0.58$

else

$$\frac{\partial G}{\partial m} = -\left(3.8 - (1.084)(0.4) + 0.58\right)0.4$$

$$= -(5.8 - (1.084)(0.4) + 0.58)$$

$$= -3.9464$$

$$\text{step-5} :- \Delta m = -(0.1)(-1.5425) = 0.1548$$

$$\Delta C = -(0.1)(5.946) = 0.39$$

$$C = C + \Delta C = -0.58 + 0.39 = -0.18$$

$$C = C + \Delta C = -0.58 + 0.39 = -0.18$$

$$C = C + \Delta C = -0.58 + 0.39 = -0.18$$

$$S = 7 : Sample = Sample + 1$$

$$= 2+1$$

$$= 3$$

$$3 > 2$$

$$30+0 \text{ step-9}$$

$$S = 9 : \text{ ita} = \text{ita} + 1 = \text{it} + 1 = 2$$

$$30+0 \text{ step-1}$$

$$20+0 \text{$$

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S-51- Am = (-0.1) (-0.668) = 0.0668
       DC = (-0.1) (-3.34) = 0.23
5-6 i- m= m+ Am = 1.24 + 0.066 = 1.3
      C = C + OC = 0.18 + 0.33 = 0.15
5-7 / sample = sample +1 = 1+1=2
5-8 1- it (sample > ns)
           50h 3-9
        elie
            Joto step-4
     5-4: DE = - (3.8 - (1.3x 0.4) - 0.15)0.4
                =-1.25
           DE = - (3.8- (1.3×0.4)-0.15)
                = - 3.13
       5-5 :- 0m = - (0.1) (-1.25) = 0.12
       Ac= - (0.1)(-3.13) = 0.3)
        5-6 / m= m+ Am = 1.3 + 0.12 = 1.42
       C=C+DC=0.15+0.31 =0.46
        1-7 & Sample = Sample+1 = 2+1=3
        5-8 + if (sample > ns)
            3>2
30to 5-91
        5-98 1ta = ita +1 = 2+1=3
        5-10% (16 (16 > epochs)
          5-114 print 3 mf C
              m=1.42 ; C= 0.46
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