Step-1: [Xia, ya], N=0.01, epochs=2, m=1, 751 c=-1, iteg=1 743 570.9 88.7 Theration- (cromple-1)

Step-2: DE | m=1 = -1 (yin-main-c) (ain) ==[(577-8)-(1)(75.1)+1)(75.1)+(577-(1)(74.3)+1)(74.3) + (570.9-(1)(88.7)+1)(88.7)

- - 59056.3]

10 | C=1 = -1(410 -map -c) (500)

(570.9- (1) (88.7)41)

= -745.3

 $Dm = -N. \frac{\partial E}{\partial m} = -(0.01)(-59056.31) = 590.5631$ DC = -10,01)(-745.3) = 7.453

Sty-y: M= m+Dm = 1+ 590.5631 = 591.5631 C = C+DC = -1+7.453 = 6.453

step-6:- ite = itest = 1+1 = 2 > epochs repeat Step-2 Iteration-2 m= 591.5631 C=6.453 Step-): 2E | m=591.5631 = = [(577.8)-(591.5631)(75.1) + (6.453)) (35.1)+(523-(591.5631)(24.3)-(6.453))(24.3) (570,9-(591.5631)(88.7)-(6.453))(88.7)) = \$5560504.408 DE \ c=6.463 = -{[(577.8) - (591.5631) (75.1) - 6.463) + (577- (591-5631) (34-3)- (6.453))+ (570.9- (591.5631)(88.7)-6.453)] = -69572.416 Step-3: Dm = -176 = -(0.01)(+5560504.403) =-55605.04 DC= -NDE = -(0.01) (+69572.416) =-695.72 m=m+1m= 541.5637 \$55605.04 = -55013.4369 C=C+BC= 6.453-695.72 = -689.267