Assignment -2.

stepa:
$$\Delta N = -\eta \cdot \frac{\partial \ell}{\partial x} = -(0.1)(2) = -0.2$$

L) False.

$$\frac{3h}{2b} = 3h = 5(0.8) = 1.6$$

stepu: $\Delta x = -1. \frac{\delta f}{\Delta x} = -10.11(1.6) = -0.16$ DA = - U. 86 = - (0.1) (1.9) = -0.19. Step51- 7= 1+ DZ = 0.8+(-0.19) x = 0,64 J= J+ Dy. =0.8+ (-0.16) 4 = 0.64 Step6'r :ter = iter+1 > 2+1 => 3 Step 7:- 9f (iter > epoch) Ly True.

step81- $\chi = 0.64$ y = 0.64 $= (0.64)^2 + (0.64)^2 + 10$ $= (0.64)^2 + (0.64)^2 + 10$