Assignment -+A

$$Y_p = mn + c = 6.6$$

$$E = \frac{1}{2} (Y_a - mn - c)^2 = \frac{1}{2} (U_{57} - U_{1}(7.4) - (-1))^2$$

$$E = \frac{1}{2} (310.08)$$

$$\frac{\partial E}{\partial m} = -(7a - mn - c)x = -(157 - 6 - 6) + 7.6 = -11 + 3.64$$

$$\Delta m = -(0.1)(-1143.04) = 114.304$$

Sample(2) m = 115.304, C = 14.04

$$\Delta m = -(0.1)(4.74.759) = -467.636$$

$$0 = -(0.1)(653.698) = -655.693$$

Steration 2

- - 332 - · 6 ar

Sample = = 2292.188, c=-218-689

40 = (2292.183) (7.1) - 296.689 = 15977.846

= = 1/2 (174 - (5977.8+4)2= 124880771.035

m = 2192.183 - 11220-7305 = -3913.544

C = -296.689 - 1580.335 = -1877.074