## Assignment 4: Manual Calculations Batch Gradient pescent

Step 1: Read EataSet [x,y], epochs= 2,

$$m=1, (-1, n-0), n-0=3$$

Step 2: itex=1

Step 3:  $C = -\frac{1}{2} \sum_{n=1}^{\infty} (y_{n} - mx_{n} - c)^{n}$ 
 $C = -\frac{1}{2} \sum_{n=1}^{\infty} (y_{n} - mx_{n} - c)(x_{n})$ 
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 $C = -\frac{1}{2} \sum_{n=1}^{\infty} (y_{n} - mx_{n} - c)(x_{n} - x_{n})$ 

Step H:  $A = -\frac{1}{2} \sum_{n=1}^{\infty} (y_{n} - mx_{n} - c)(x_{n} - x_{n})$ 
 $C = -\frac{1}{2} \sum_{n=1}^{\infty} (y_{n} - mx_{n} - c)(x_{n} - x_{n})$ 
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