```
Assignment'-4
                        manual
                           calculations.
Data
     7.6
      7.1 174
  Equ 4 = mx+c
 Stepo: - intialize m=1, c= 1, epochs=0
 7 =0.1 mg=2
Stepo :- intel = 1
         Sample = 1
Ster3 :-
           15 = - (y-mx-c) xi
Stepes :-
         = - (137) - (1)(7.6) - (-1)7-6
         = - (USG:4)7.6 - 114304
         = - (y-mx-c)
          = - (150.4)
 8+eps :- Dm = -7 (de) = (0.1)(+1-43.04)
                     - 114.3
  AEC = -n (dE) = -(0.1) (-150.4)
        = 15.04
  Step6 :- h= n+ sm = 1+114.3
                        =115.3
      C = C+ SC = -1+15.04 = 14.04
   Step 3. Sample = 1
```

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step®: If (iz=ns) true go to
    Step@de = - (y-mx-e)x
        ·= --(174-(115.3)[7.1)-14.04)7.1
        = 46765
    JE = - (y-mx-c)
        = - (174-(11.53) (7:1) -14.04)
-0
         = 658.67
   Step B): Am = - 2 (-de) = - (0.1) (46758)
            = 467.65
   DC = - m(dE) = - (0.1) (658.67)
              = -65.8
          m = m+ sm = 115.3-467.65
                     = 7352.35
          C = C + DC = 14.04 -85.8
             = -51.7-6
          Sample = 1 (Sample = 3)
ou) Stepa
          if (iz=ns) L.s. Faise goto step9
   stepo
           itex = 1 (itex-2)
    Stepen
   Steple 1f (Itex Z=epechs)
                    Ls 90 to true Sto?
    Repeat au steps...
     SteP(2)
```