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Assignment -2
>> Manual calculation for f(x)= 24+323+10
Iteration - 1
 Choose initial values for 21, let x=2
  and n=0.001.
Stradient of n=2 i.e. Afin) n=2
             = 4(2)3+6(2) = HY
     12 - -0.001 x 44 = -0.044.
upolate * 1/aluer as . x = 2-0.044 = 1.950
 Iteration-2
 Gradient ou n=1.956 : « of(n) n=1.956.
              = 4(1.956) 2+ 6 (1.956)
               = 41.670.
* As gradient not near to Zero. Calculate
 Step length Dx = -0.001 * 41.670.
                 = 10.0416.
+ update x produe as n=1,956-0.0416-1.91
-> This procedure is repeating Until
     gradient is near to Zero.
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