```
Assignment-2
* find the global minimum point and value for function f(m,y).
                Calculations for two iterations
     = arty + 10
 -> Do Manual
   Step1: 1 =-1; y=+1; n=0.1 epoches =2
           14e8= 1
   Step2:
   step3; db = 2n=2
           de = 2y= 2
  Skp4: du = - ndf =
                                           step 8: n=0.64
               Dy = -ndf = (0.1)(2)
                                                    9 20.64
                                             f(n,y) = 2 +y + 10
            1=7+02 => -1+0·2=-0.8
   Step 5 0
             y= y+02 >> 1-0.2=0.8
                                                  = (-0.64) + (0.64)
                                                    + 10
             9 des = 9 des +1 = 1+1 = 2
   Step6
                                                    0.4+0.4 +10
             of Citer > epoches )
                                                     = 10.8
                   goto step 8
              else goto step 3
            ablan = 22 = 2(-08) = -1.6
            aplay = 2y = 2(0.8) = 1.6
            Da = - 12+ Ba = - (0.17 (-1.6) = 0.16
  Step4:
            Dy = - 706/04 = - (0.1) (1.6) = -0.16
             2= 1+0x => -0.8 +0.16 =) -0.64
             y= 4+84 = 018-0.16 = 0.64
  step 6:
            iter = 1 ter+1 => 2+1=3
             if liter > epoches >
  step7:
                      goto step 8
```

else: goto step 3