1+176 H 39-5

6-4: 1/16th = apod

8=1+6=

find the global minimum point and value for the function flary = 27y2+10

« Do manual calculations for two sterations of the optimal solution using python programming.

$$\frac{\partial +}{\partial y} = 2y = 2$$

$$8-4: dx = -n = -2(-0.1)$$

$$\Delta y = -nat = -(0.)(2)$$
  
= -6.2

S-4: DX = - 7 32 sell = (6-1) (-1.6) = 9, 6 moranino lodolo en la 6)4181 0(17 / 1/2 Dy=-7 at the sold of maile bulles brains of = - (0.1) (1.6) parson using parties benished of the options of th y= 4+04 8=+1) 35= S-5% X= x+ Dx =008-0.16 = x8= 16 :6 = x 260.8+0e16 2-0.64 8=9c= 40 S-6: Ptr=Ptr+1 =2+1=3 8-4: gx = 1gx = 5(-0.1) 8-7: if (etr > epochs) (c)(0) -= 10 m = pro 3>2 goto 8-8 5-5: x=x+ bx =-1+0.2=-0.8 groto s-3 S-8: 1=-0.64 4=0.64 (edogo < 1/2) 19: 17-2 f(x,y) = x2+y2+10 = (-0.64) = (0.64) = 10 ह-३ तर्क =0.4+0.4+10 = 10.8. 94 = 51 = 5 (0.8) = 10 B