step-21 first order devillative

$$\frac{\partial f}{\partial x} = ux^3 + 6x$$

step-4+ update variable

step-5 1- Increment steers on

Step-6+ it (tex > epoches) -> 30 to step-7 else step-2 step-2r (2+) x=-2.4 = -69.6 step-3r Dn=-Mf3f) DX = - (0.1 (-69.6)) An = 6.96 step-4r x= x+0x A= -2.4+6.96 x = 4.56 step-5+ itex=itex+1 step- 6+ if (iter > epoches) 80\$ to stp-7 go to step-2 here stee > epoches step-7 = x = 4.56 + (a) = (4.56) +3 (4.56) +10 1(x)=2 508.17