24+328+10

Iteration 1

let x=2 & n=0.01

4x3+06x=4(2)3+6(2)

= 32+12

= 44.

As gradient is not near to zero, calculating step ungth

DX = -0.01 \*44

= -0.44

Update 2 = 2-0.44 = 1.56

Iteration 2

= 4(1.5) 3+6(1.5)

= 13.5+9=22.5

DX = -0.01 \* 22.5 = -0.225

Update x=1.5-0.225= 1.275