715519 nmeut-3A

Iteration-1

$$Dx = -\eta \frac{\partial f}{\partial a} \Big|_{A=2} = -0.01 \times 12 = -0.12$$

$$9 - 9 + 02 = 2 - 0.12 = 1.88$$

Ileration- 2

$$\frac{\partial f}{\partial x} |_{x=1.88} = 6 \times 1.88 = 11.28$$

$$\Delta 9 = -9 \frac{\partial f}{\partial 9} |_{3 = 1.89} = -0.01 \times 11.28 = 0.1128$$