Initial values: alpha = 0.1, initial w1 = -0.3656357558875988, initial w2 = 0.3474337369372327, initial theta = 0.26377461897661403

At Epoch 1: w1 = -0.3656357558875988, w2 = 0.3474337369372327, theta=0.26377461897661403

Values after Iteration 1: w1 = -0.3656357558875988, w2 = 0.3474337369372327, theta=-0.0

Values after Iteration 2: w1 = -0.3656357558875988, w2 = 0.24743373693723267, theta=0.1

Values after Iteration 3: w1 = -0.3656357558875988, w2 = 0.24743373693723267, theta=-0.0

Values after Iteration 4: w1 = -0.2656357558875988, w2 = 0.3474337369372327, theta=-0.1

At Epoch 2: w1 = -0.2656357558875988, w2 = 0.3474337369372327, theta=-0.1

Values after Iteration 1: w1 = -0.2656357558875988, w2 = 0.3474337369372327, theta=0.1

Values after Iteration 2: w1 = -0.2656357558875988, w2 = 0.24743373693723267, theta=0.1

Values after Iteration 3: w1 = -0.2656357558875988, w2 = 0.24743373693723267, theta=-0.0

Values after Iteration 4: w1 = -0.1656357558875988, w2 = 0.3474337369372327, theta=-0.1