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(100, 2)

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[-0.45642158]
[0.67939348]]

Epoch: 100; Error: 1.6536548018635329;

Epoch: 200; Error: 1.0938859424403164;

Epoch: 300; Error: 0.6720371909489151;

Epoch: 400; Error: 0.40402039313383203;

Epoch: 500; Error: 0.3084064437201821;
Epoch: 600; Error: 1.0818738550059497;
Epoch: 700; Error: 0.33374767427455515;
Epoch: 800; Error: 0.31948447894383303;
Epoch: 900; Error: 0.3129597679825526;
Epoch: 1000; Error: 0.306522000411577;
The maximum number of train epochs is reached
Number of inputs: 2
Number of outputs: 1
Number of layers, including hidden layers: 3