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Epoch 0 loss 8.06742190538398 correct 29 time 11.22s time per epoch 11.22s
Epoch 10 loss 5.654132056778902 correct 44 time 11.79s time per epoch 1.07s
Epoch 20 loss 3.834683865290099 correct 44 time 12.35s time per epoch 0.59s
Epoch 30 loss 3.584997235674925 correct 42 time 12.91s time per epoch 0.42s
Epoch 40 loss 7.205620297719436 correct 41 time 13.48s time per epoch 0.33s
Epoch 50 loss 2.200592092267211 correct 46 time 14.04s time per epoch 0.28s
Epoch 60 loss 3.088007024081709 correct 46 time 14.61s time per epoch 0.24s
Epoch 70 loss 3.5738075145605124 correct 46 time 15.17s time per epoch 0.21s
Epoch 80 loss 3.626736609513203 correct 47 time 15.74s time per epoch 0.19s
Epoch 90 loss 4.617547072738027 correct 44 time 16.30s time per epoch 0.18s
Epoch 100 loss 3.3424449655501336 correct 45 time 16.87s time per epoch 0.17s
Epoch 110 loss 4.005553419420040 correct 44 time 17.44s time per epoch 0.16s
Epoch 120 loss 1.765425022806217 correct 48 time 18.00s time per epoch 0.15s
Epoch 130 loss 2.0397762016268164 correct 48 time 18.58s time per epoch 0.14s
Epoch 140 loss 1.0319972417930088 correct 49 time 19.14s time per epoch 0.14s
Epoch 150 loss 2.149364869681204 correct 49 time 19.70s time per epoch 0.13s
Epoch 160 loss 2.378956414020976 correct 48 time 20.27s time per epoch 0.13s
Epoch 170 loss 1.7776099272965888 correct 50 time 20.83s time per epoch 0.12s
Epoch 180 loss 1.5598084190035668 correct 50 time 21.40s time per epoch 0.26s
Epoch 190 loss 1.0765102456740028 correct 49 time 21.97s time per epoch 0.49s
^CTraceback (most recent call last):
  File "/home/ubuntu/proj/mod3-Navxihziq/project/run_fast_tensor.py", line 145, in <module>
    ).train(data, RATE)
  File "/home/ubuntu/proj/mod3-Navxihziq/project/run_fast_tensor.py", line 97, in train
    out = self.model.forward(X).view(y.shape[0])
  File "/home/ubuntu/proj/mod3-Navxihziq/project/run_fast_tensor.py", line 49, in forward
    return self.layer3.forward(h).sigmoid()
  File "/home/ubuntu/proj/mod3-Navxihziq/project/run_fast_tensor.py", line 63, in forward
    return x @ self.weights.value + self.bias.value.view(1, *self.bias.value.shape)
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor.py", line 290, in __matmul__
    return MatMul.apply(self, b)
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor_functions.py", line 54, in apply
    c = cls._forward(ctx, *raw_vals)
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor_functions.py", line 38, in _forward
    return cls.forward(ctx, *inps) # type: ignore
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor_functions.py", line 272, in forward
    return t1.f.matrix_multiply(t1, t2)
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/fast_ops.py", line 121, in matrix_multiply
    b = b.contiguous().view(1, b.shape[0], b.shape[1])
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor.py", line 133, in contiguous
    return Copy.apply(self)
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor_functions.py", line 54, in apply
    c = cls._forward(ctx, *raw_vals)
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor_functions.py", line 38, in _forward
    return cls.forward(ctx, *inps) # type: ignore
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/tensor_functions.py", line 259, in forward
    return a.f.id_map(a)
  File "/home/ubuntu/proj/mod3-Navxihziq/minitorch/fast_ops.py", line 51, in ret
    f(*out.tuple(), *a.tuple())
KeyboardInterrupt

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