Last login: Thu Nov 21 23:07:00 on ttys011) ssh mle Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-48-generic x86_64) * Documentation: https://help.ubuntu.com * Management: https://landscape.canonical.com * Support: https://ubuntu.com/pro Last login: Fri Nov 22 04:07:03 2024 from 52.124.35.169
ubuntu@146-235-212-176:-\$ cd proj/mod3-Navxihzig/
ubuntu@146-235-212-176:-\$ cd proj/mod3-Navxihzig\$ source .venv/bin/activate
(.venv) ubuntu@146-235-212-176:-/proj/mod3-Navxihziq\$ python run_fast_tensor.py --BACKEND gpu --HIDDEN 500 --DATASET simple --RATE 0.05
python: can't open file '/home/ubuntu/proj/mod3-Navxihziqfyrun_fast_tensor.py': [Errno 2] No such file or directory
(.venv) ubuntu@146-235-212-176:-/proj/mod3-Navxihziqfyrun_fast_tensor.py in HIDDEN 500 --DATASET simple --RATE 0.05
/home/ubuntu/proj/mod3-Navxihziq/.venv/lib/python3.10/site-packages/numba/cuda/dispatcher.py:536: NumbaPerformanceWarning: Grid size 1 will likely result in GPU under-utilization due to low o crumancy. /home/ubuntu/proj/mod3-Navxinziq/.vemv/liv/python3.10/site-packages/numba/cuda/cudadrv/devicearray.py:888: NumbaPerformanceWarning: Host array used in CUDA kernel will incur copy overhead to/from device.
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/home/ubuntu/proj/mod3-Navxihziq/.venv/lib/python3.10/site-packages/numba/cuda/dispatcher.py:536: NumbaPerformanceWarning: Grid size 4 will likely result in GPU under-utilization due to low o

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warn(NumbaPerformanceWarning(msg))

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warn(NumbaPerformanceWarning(msg))
Epoch 0 loss 10.9155780640506514 correct 39 time 10.05s time per epoch 10.05s
Epoch 10 loss 0.15618834069185294 correct 44 time 66.24s time per epoch 6.02s
Epoch 20 loss 0.0020126645553836718 correct 44 time 126.20s s time per epoch 5.01s
Epoch 30 loss 0.053940427165150088 correct 49 time 176.64s time per epoch 5.70s
Epoch 40 loss 0.5233159807465179 correct 49 time 231.26s time per epoch 5.64s
Epoch 50 loss 0.03762461553214463 correct 50 time 284.80s time per epoch 5.68s
Epoch 60 loss 0.0563406017622313 correct 49 time 355.08s time per epoch 5.08s
Epoch 70 loss 0.4307952823455388 correct 50 time 430.68s time per epoch 6.07s
Epoch 80 loss 0.12205630705010373 correct 50 time 430.68s time per epoch 6.23s
Epoch 9 loss 0.0767596076812517 correct 50 time 578.03s time per epoch 6.38s
Epoch 100 loss 0.3128845343036789 correct 50 time 643.91s time per epoch 6.38s