17) GPU

CPU vs. GPU

- Central Processing Unit: built in OS & does serial (fast) operations
- Graphical Processing Unit: divide-conquers tasks & does parallel operations
- . Our computer GPU -> UI rendering, video playback Nuidia LUDA-GPU -> scientific simulation, Deep learning
- · Why in DL: Dexcessive matrix multiplications @train large models/experiments

code CPU model, data GPU calculation output