Homework 3: MNIST inference with 2-layer 1000 hidden units NN as a PLURAL program

1. Port your inference machine (created in HW1) onto the PLURAL architecture as simulated by MTE. This is an extension and application of the work performed in HW2.

2. Evaluate and report performance ($T(p)$, $SUP(p)$ and $Eff(p)$) for 1, 2, 4, 8, 16, 32, 64, 128, 256, 512 and 1024 cores, as done in HW2.
   Evaluate and report energy for the same 11 cases.

3. Submit by 9 January 2017, using email to ran@ee with subject line “048874-F2016-HW3”:
   a. Your code
   b. Performance and energy report