Modified HPL Script 1

HPLinpack benchmark input file
Innovative Computing Laboratory, University of Tennessee
singleHPL.out   output file name (if any)
6   device out (6=stdout,7=stderr,file)
2   # of problems sizes (N)
109544 109544 Ns
1   # of NBs
192   NBs
0   PMAP process mapping (0=Row-,1=Column-major)
1   # of process grids (P x Q)
4   Ps
8   Qs
16.0   threshold
3   # of panel fact
0 1 2   PFACTs (0=left, 1=Crout, 2=Right)
2   # of recursive stopping criterium
2 4   NBMINs (>= 1)
1   # of panels in recursion
2   NDIVs
3   # of recursive panel fact.
0 1 2   RFACTs (0=left, 1=Crout, 2=Right)
1   # of broadcast
0   BCASTs (0=1rg,1=1rM,2=2rg,3=2rM,4=Lng,5=LnM)
1   # of lookahead depth
1   DEPTHs (>=0)
2   SWAP (0=bin-exch,1=long,2=mix)
64   swapping threshold
0   L1 in (0=transposed,1=no-transposed) form
0   U in (0=transposed,1=no-transposed) form
1   Equilibration (0=no,1=yes)
8   memory alignment in double (> 0)