

Problem 1: Write a MIPS program to count the number of words in a C-style string.
See <http://www.ece.lsu.edu/ee4720/2004/hw1.html> for details.

Problem 2: As of this writing (13 February 2004, 13:07:05 CST) the two highest scoring CINT2000 systems use Intel D875PBZ motherboards, one has a “result” of 1620, the other 1509 (both October 2003 disclosures).
What accounts for this difference? Some programs in the suite run at about the same speed on the two systems, some take different amounts of time. Why might only some programs show improvement?