

Lec-2-HW-1-performance-SOLN

- PH reading and references: Chp. 1
- PH exercises:
 - 1.3.1-5 (use part a.) performance equation
 - 1.5.1 (use part a.) peak and job-mix performance
 - 1.5.3 (use part b.) CPI by class
 - 1.5.4 (use a. and b.) performance equation
 - 1.6.1-2 (use a. and b.) compilers and performance
 - 1.7.1-4 geometric mean of performances
 - 1.8.1-2 capacitance and power
 - 1.8.6 V and CR next generation
 - 1.9.2 (use a.) static vs. dynamic power
 - 1.10.2 (use b.) multi-core performance
 - 1.10.5 (use a.) multi-core power
 - 1.11.1 die yield
 - 1.11.2 die cost
 - 1.12.3 mean of SPEC ratios
 - 1.16.1 speedup, Amdahl's Law
 - 1.16.4 speedup compute-time vs. route-time