Lecture 8 Learning outcomes

Upon successful completion of this module, you will be able to:

- Describe the hierarchical structure of memory
- Explain the rationale behind the memory hierarchy
- Describe the components and functionality of a direct-mapped cache
- Calculate cache size and cache performance

Lecture 8 Activities

Lecture 8 is 1-day work. Use the last day for Test 3 and team project.
Day 1
Session I:
   View **Lecture 8a: Basics of Cache**
   Study zyBook 5.1, 5.2, 5.3
Session II:
   View **Lecture 8b: Cache Performance**
   Study zyBook 5.4
Session III:
   Recap and practice
Day 2
   Work on team project
   Review Lecture 6 and 7
   Take Test #3

Assignment Checklist:
   P5 and Z10 (zyBook 5.1-5.4) -- due Tu 7/6
   Test 3 (Th 7/1 – Tu 7/6)
   Team project – due Tu 7/6