

Assignment 1 B –

Due Thursday 25 midnight

1. Read Black and Shen paper. Summarize potential modeling errors, abstraction errors and specification errors in Lab 1. You can answer the modeling errors in a mirrored fashion to next question.
2. Read the concept of alpha, beta, gamma tests in Black and Shen and the concept of “Performance Signatures Dictionary” as in Bose-Conte paper and create a performance signatures dictionary for detecting the modeling errors in the cache design in Lab 1.

Performance Signature Dictionary Example

This is just an example – not particularly good.
I am looking forward to seeing your creativity.
Be creative

Test Objective	Test Case	Expected Output	Cycles
Block Size (L1)			
Associativity (L1)			
LRU (L1)			
Cache Size (L1)			
Block Size (L2)			
.....			