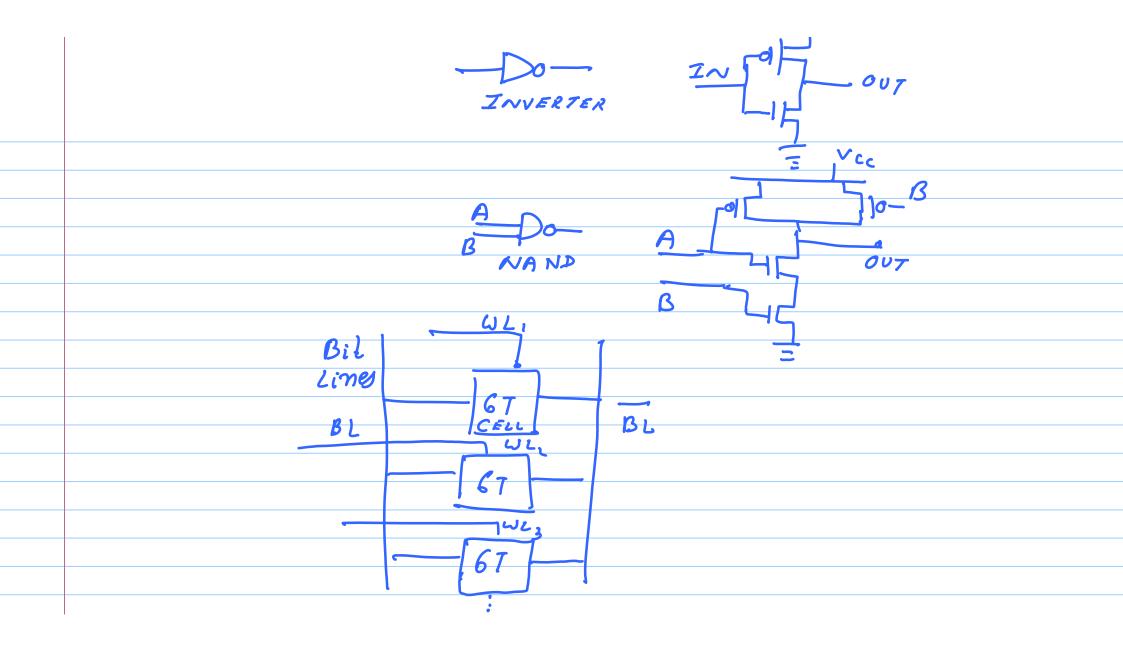
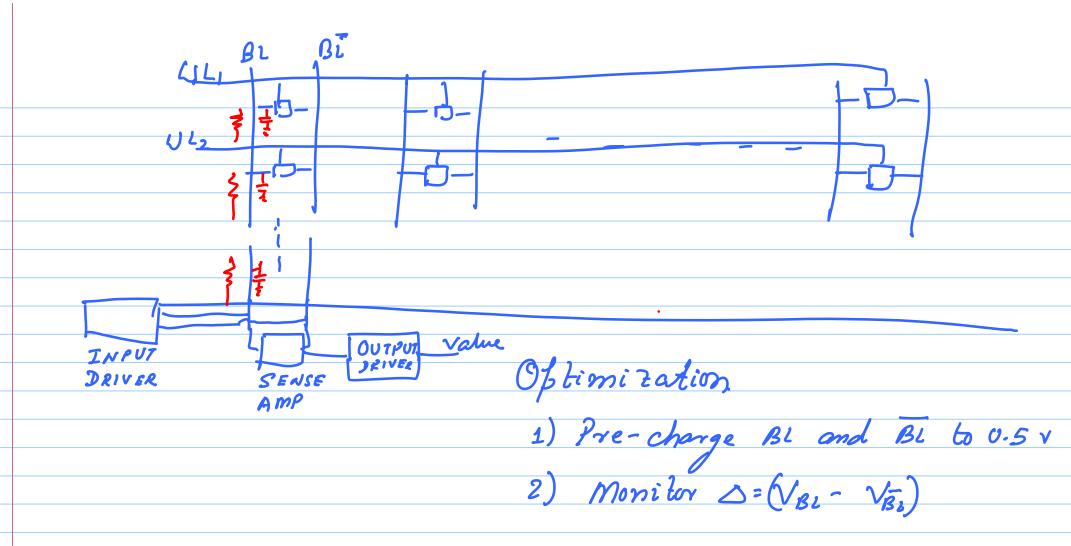
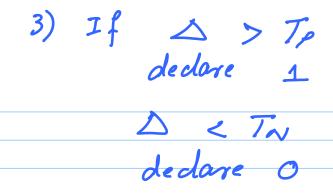
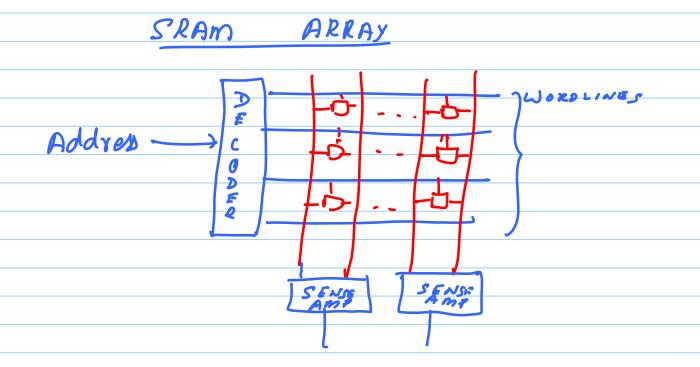
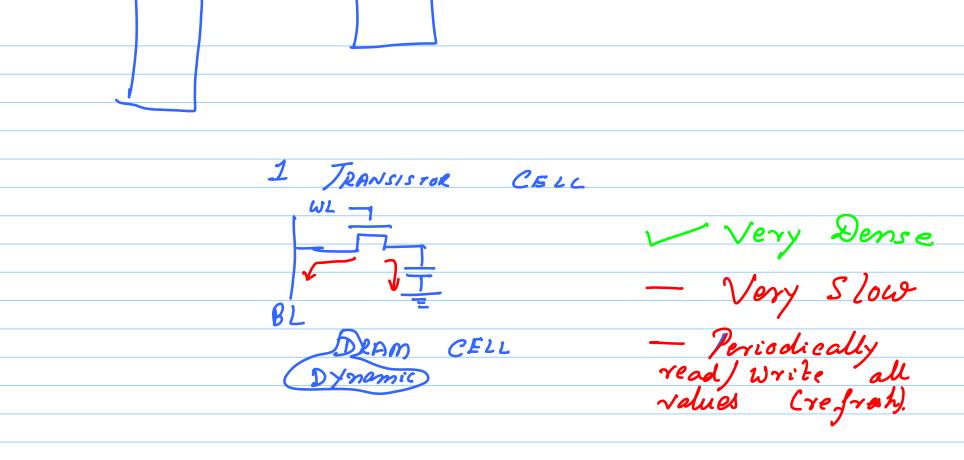
The Momory System Note Title 10-10-2012 - ID - EX - MEM - WB Elements of a memory system: SRAM cell (Static RAM cell) J WI CWord Line

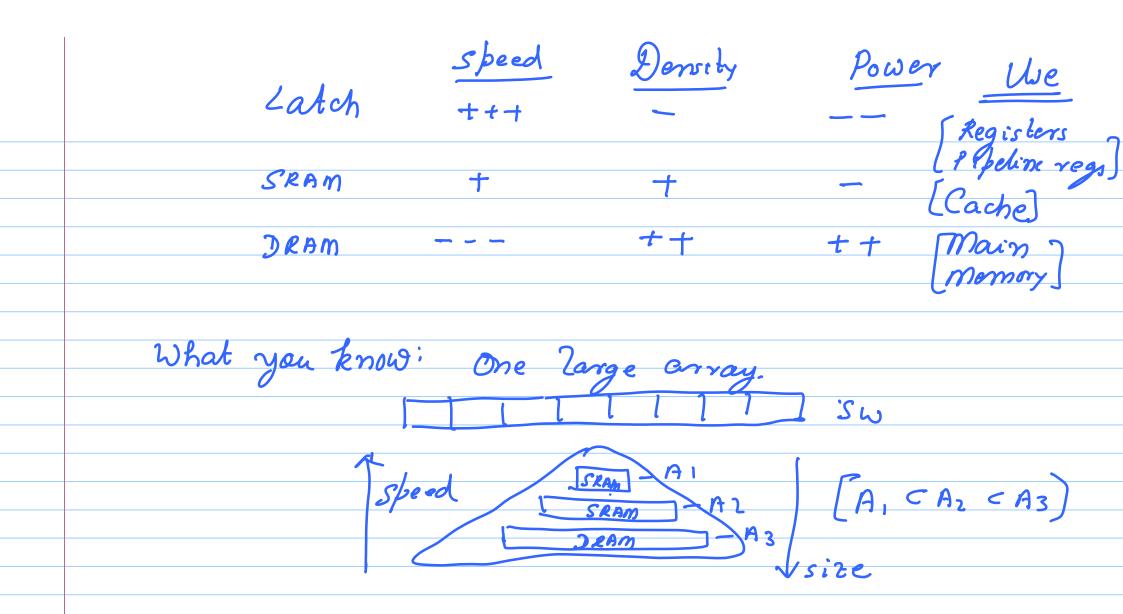












Program behavior:

Saying: 90% of accesses come from 10 % of 20 cations Temporal Locality: Same data 12 em is accessed frequently. Spatial locality: If a data item, x, is accessed, then there is a high probability that another data item close to a is accessed in the same

Window of lime.

Hierarchy of Memory Systems

SRAM

L2

2mb

DRAM

MAIN MEMORY 2GB