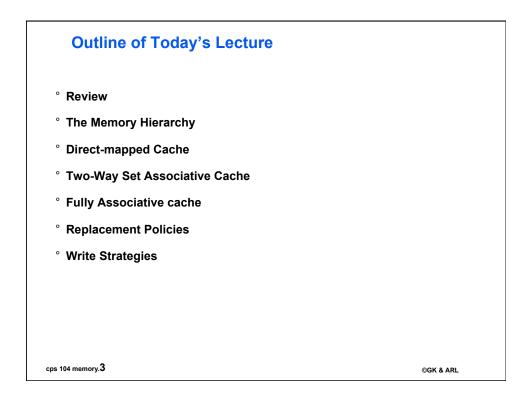
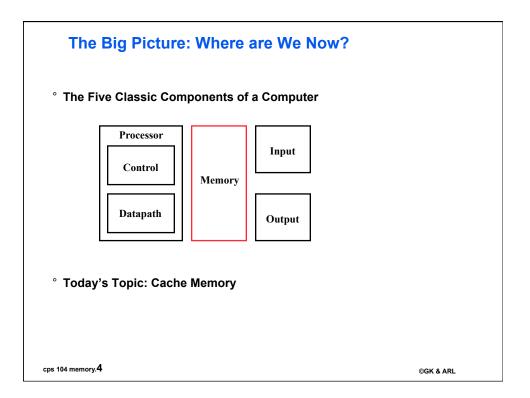
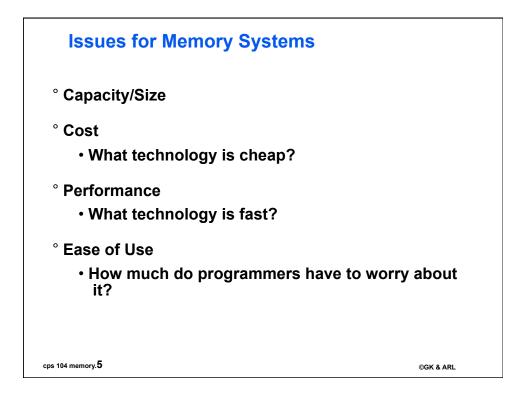
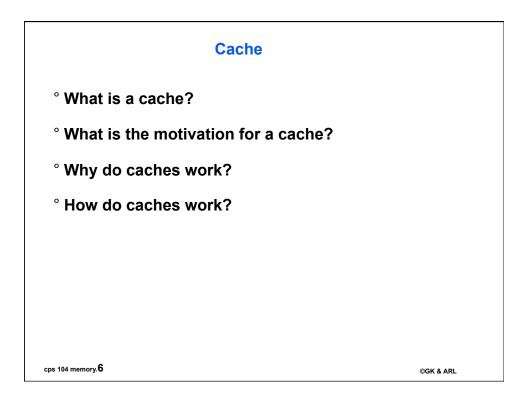
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Cache M	lemory
Computer S	cience 104
cps 104 memory. 1	©GK & ARL

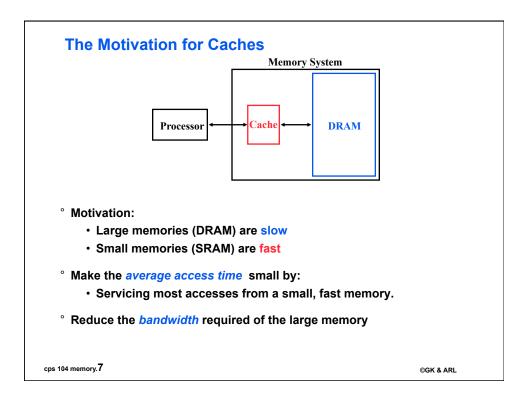
Administrivia	
 [°] Midterm II next Monday [°] Homework #4 	
° Project Due Date: Wed April 22 in class	
Reading	
° Chapter 5	
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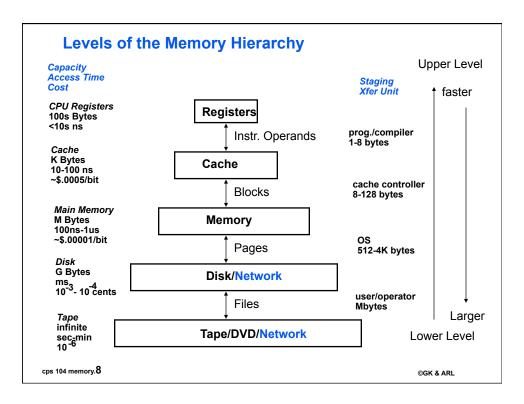


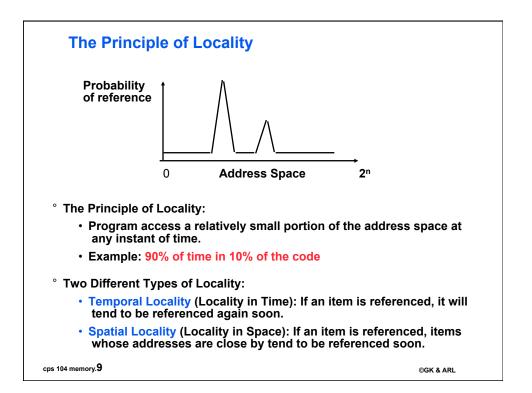


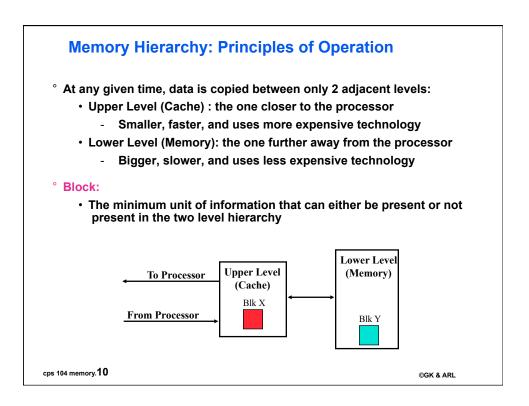


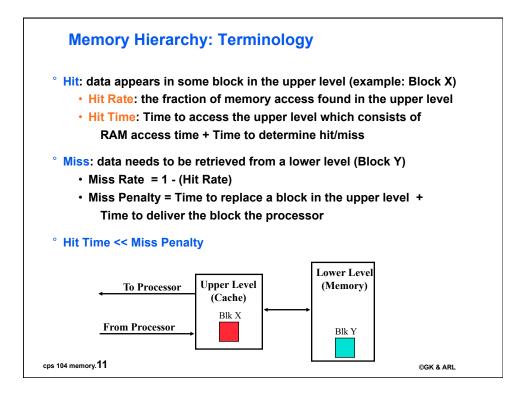


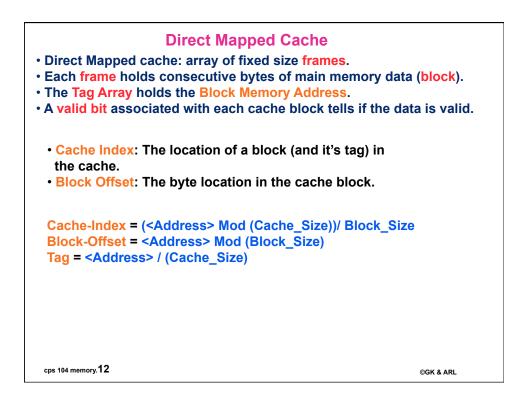


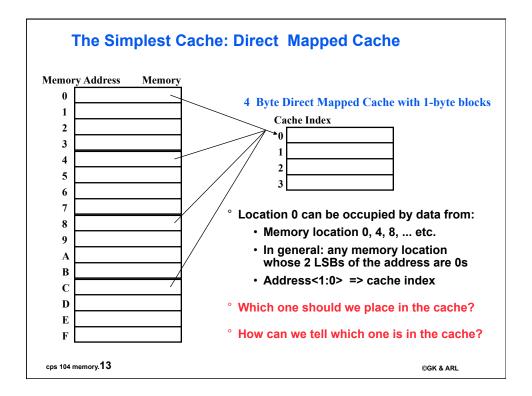


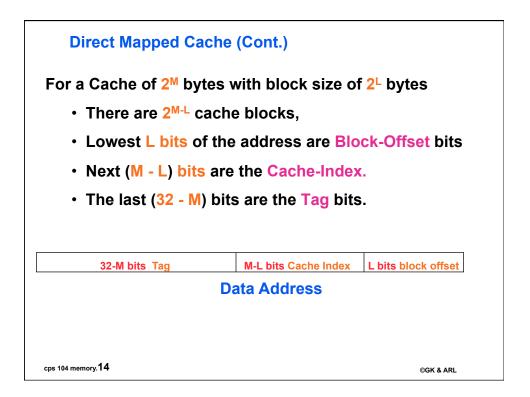


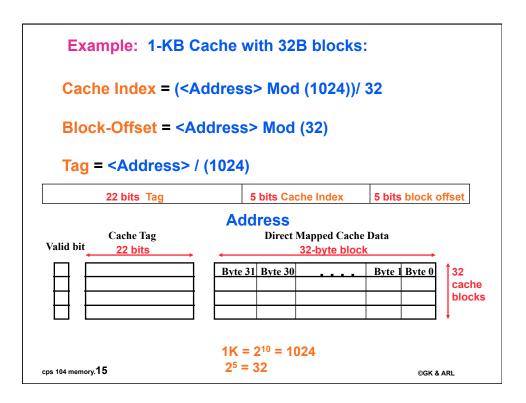


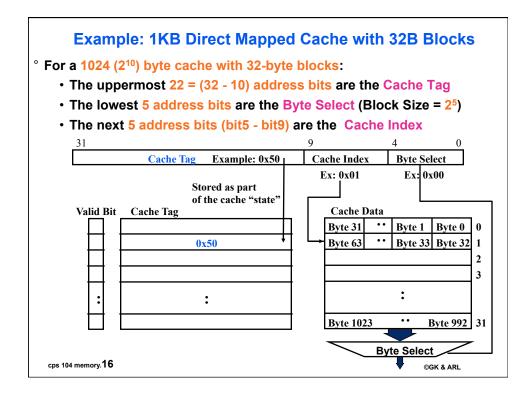


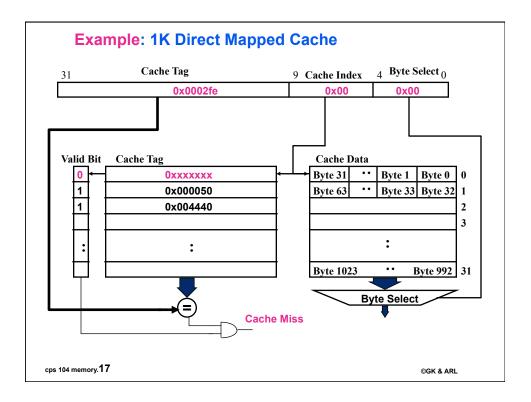


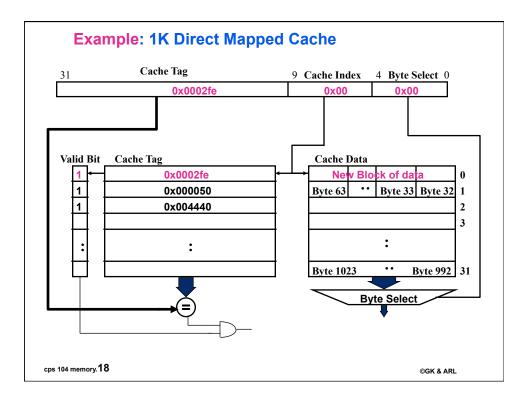


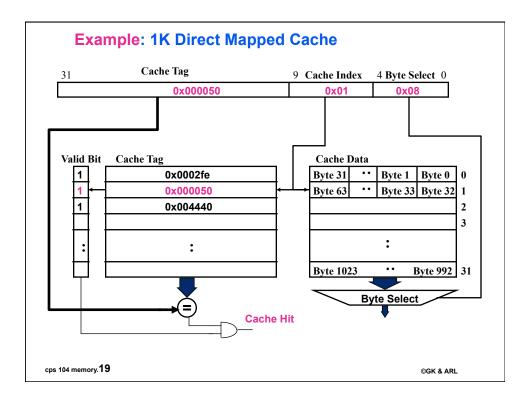


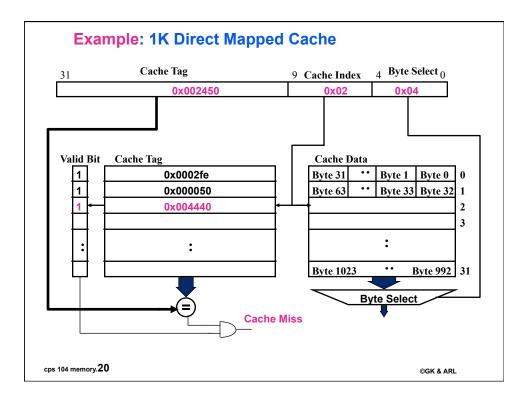


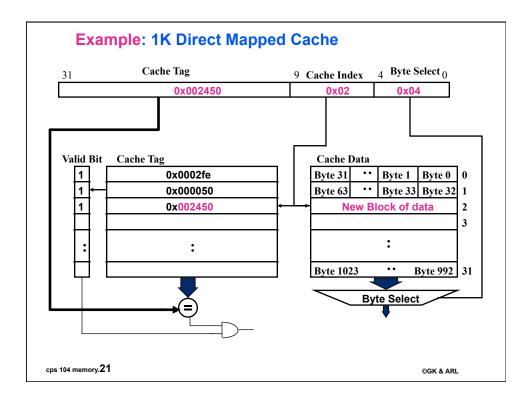


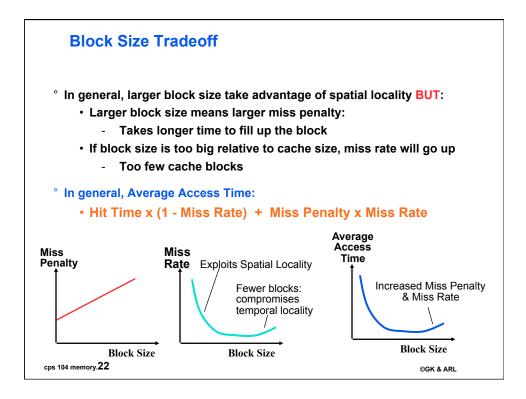


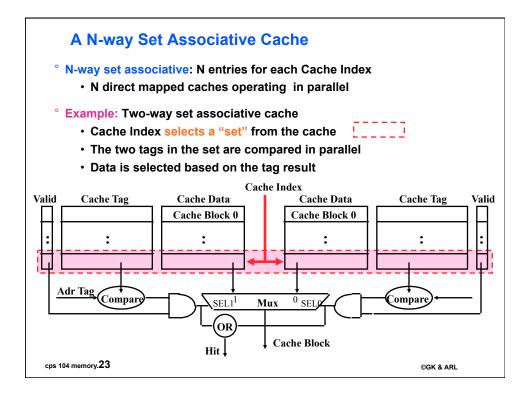


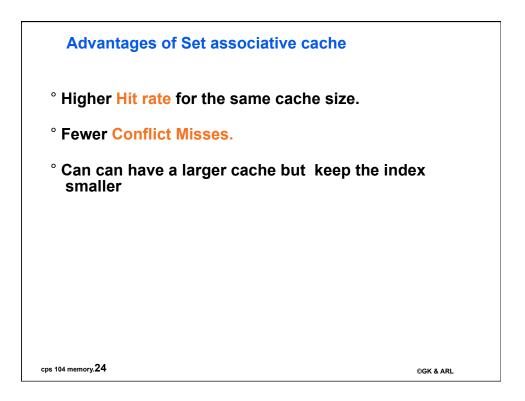


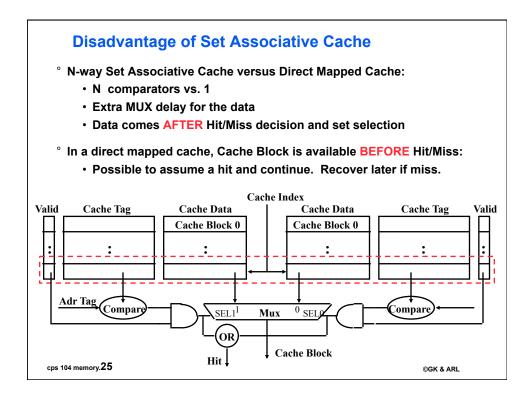


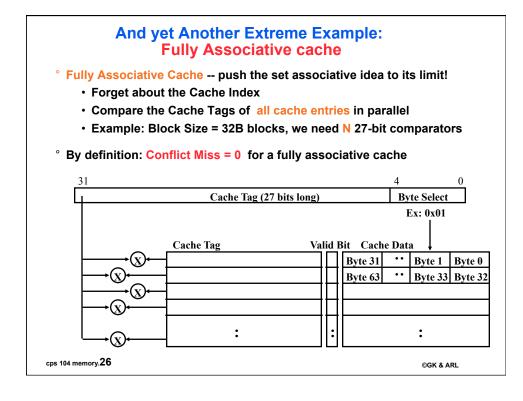


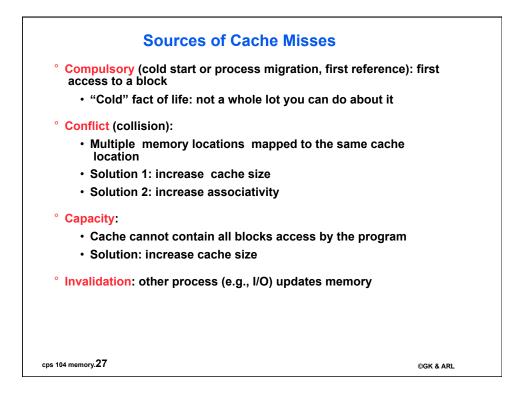












Sources of Cache Misses				
	Direct Mapped	N-way Set Associative	Fully Associative	
Cache Size	Big	Medium	Small	
Compulsory Miss	Same	Same	Same	
Conflict Miss	High	Medium	Zero	
Capacity Miss	Low(er)	Medium	High	
Invalidation Miss	Same	Same	Same	

Note:

If you are going to run "billions" of instruction, Compulsory Misses are insignificant.

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