

Virtual Memory

Use the example memory system provided at the end of the “Virtual Memory” lecture slides to find the data mapped to virtual addresses 0x027C, 0x03A9, and 0x0040.

		0x027C	0x03A9	0x0040
Virtual Address (in bits)				
Address Translation	VPN			
	TLB index			
	TLB tag			
	TLB hit?			
	Page fault?			
	PPN			
Physical Address				
Physical Memory Reference	Byte offset			
	Cache index			
	Cache tag			
	Cache hit?			
	Cache byte returned			

(Adapted from CSAPP Practice Problems 9.11-9.13.)