Homework 4 (due 4/26/2006 at 10:05am) via email to ada@cc or hardcopy in class

1. Contrast the AMPED model from the Flash paper and the MT-server model. Which specific issues from the MT-model does the AMPED model address and how?					
2. Assumption: all variables originally hold the value 0.					
a) Consider the following sequence of operations:					
P1: $W(x)1$	W(x)3				
P2:	W(x)2				
P3:	R(x)3 R(x)2				
P4:	R(x)2 R(x)3				
Is this execution causally consistent? Add or modify an event to change the answer.					
b) Consider the following sequence of operations:					
P1: $W(x)1$	W(x)3				
P2:	R(x)1		R(x)1	R(x)3	
Is this execution strictly consistent? Add or modify an event to change the answer.					
c) Consider the following sequence of operations:					
P1: $W(x)1$	W(x)3	S			
P2:		R(x)3	S	R(x)1	
Is this execution weakly consistent? Add or modify an event to change the answer.					
d) Consider th	e following seq	uence o	of operations:		
P1: L	W(x)1	W(x)3	U		
P2:		L	R(x)3	U	R(x)1
Is this execution release consistent? Add or modify an event to change the answer.					