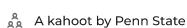
## Kahoot! Consistency & Synchronization Quiz

1 play • 63 players



Questions (	5)
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1 - Quiz <b>What is NOT true a</b>	about sequential consistency?	60 sec
It is what is int	uitive to you	×
It maintains pr	ogram ordering	×
It ensures write	e atomicity	×
A system with	a write buffer is sequentially consistent	<b>✓</b>
2 - Quiz		
What is NOT true a	about processor consistency?	60 sec
Writes could b	e visible in different orders to different processors	×
Loads can bypa	ass stores to the same address	<b>✓</b>
Memory fence	is needed to make things sequentially consistent	×
A system with	a write buffer can fall into this category	×

3 - Quiz	A = Flag = 0 P1 P2		
What can Print A print in sequential consistency (SC) and processor consistency (PC)?	$A=1$ where $P_{ri}$ 60 sec );		
Only A=1 for both	✓		
A=1 for SC, A=0, 1 for PC	×		
A=0, 1 for both	×		
A=0, 1 for SC, A=1 for PC	×		
4 - Quiz			
What is a critical section?	30 sec		
A section of code only one thread can enter at each time	✓		
An abstract concept you grab to access a shared resource	×		
A barrier that disallows certain operation reordering	×		
A special instruction required to implement locks	×		
5 - Quiz			
Why do we need to implement lock?	30 sec		
To eliminate data races	<b>✓</b>		
To make code faster	×		
To realize sequential consistency	×		
To deal with memory consistency issues	×		