Results

20%

2

10:00

Score

Out of 10 points

Time for this attempt

1

0/2 points

What is the primary challenge addressed by the Producer-Consumer problem?



O Sharing data between processes

Correct Answer:

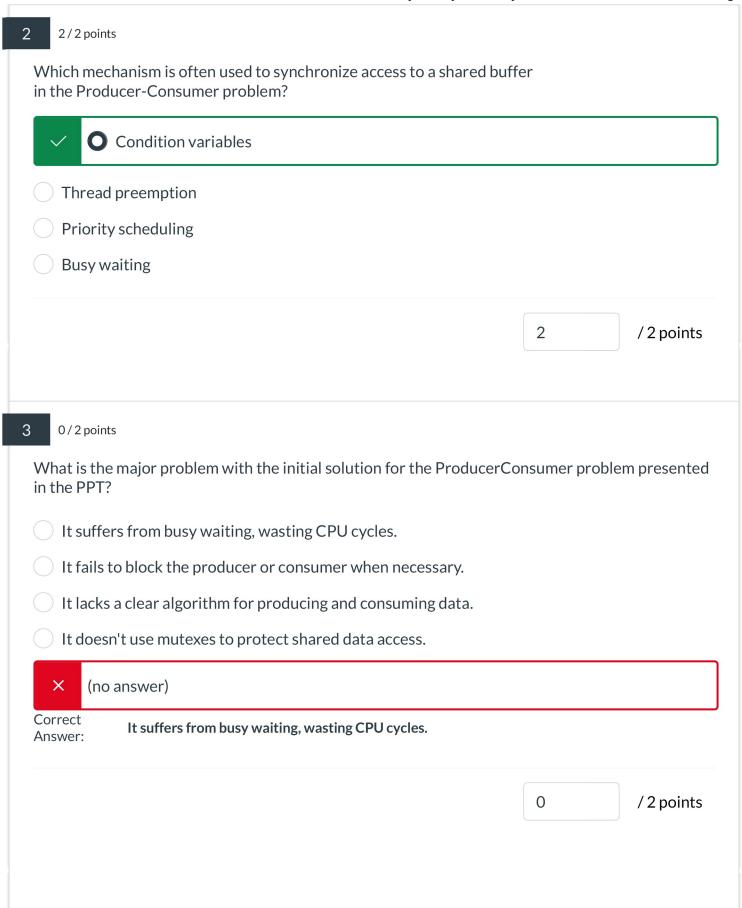
Preventing race conditions

- Ensuring data integrity
- Preventing race conditions
- Maximizing CPU usage

0

/2 points

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4 0 / 2 points		
How can the problem of busy waiting in the Producer-Consumer probbe effectively resolved?	olem	
By using condition variables or semaphores		
By using spinlocks to optimize waiting times		
By increasing the thread's priority to avoid waiting		
By printing debug messages for better monitoring		
× (no answer)		
Correct Answer: By using condition variables or semaphores		
	0	/ 2 points
What library call is commonly used to decrease a semaphore's value, potentially causing a thread to be blocked?		
sem_lock()		
sem_post()		
sem_signal()		
X (no answer)		
Correct sem_wait() Answer:		
	0	/2 points
Fudes Daints		

Fudge PointsManually adjust the score by adding positive or negative points to this box

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