Name:

Part of the Linux Kernel Synchronization API Tear off this page, but return it with your exam.

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```
void spin_lock (spinlock_t* lock);
void spin_lock_irq (spinlock_t* lock);
void spin_lock_irqsave (spinlock_t* lock, unsigned long& flags);
void spin_unlock (spinlock_t* lock);
void spin_unlock_irq (spinlock_t* lock);
void spin_unlock_irgrestore (spinlock_t* lock, unsigned long flags);
void down (struct semaphore* sem);
void up (struct semaphore* sem);
void read_lock (rwlock_t* rw);
void read_lock_irg (rwlock_t* rw);
void read_lock_irqsave (rwlock_t* rw, unsigned long& flags);
void read_unlock (rwlock_t* rw);
void read_unlock_irq (rwlock_t* rw);
void read_unlock_irqrestore (rwlock_t* rw, unsigned long flags);
void write_lock (rwlock_t* rw);
void write_lock_irq (rwlock_t* rw);
void write_lock_irqsave (rwlock_t* rw, unsigned long& flags);
void write_unlock (rwlock_t* rw);
void write_unlock_irq (rwlock_t* rw);
void write_unlock_irgrestore (rwlock_t* rw, unsigned long flags);
void down_read (struct rw_semaphore* sem);
void down_write (struct rw_semaphore* sem);
void up_read (struct rw_semaphore* sem);
void up_write (struct rw_semaphore* sem);
```