

Quiz #6

Java Programming II

May 11, 2018 (6-7 period)

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1. What are possible states of a thread?

1. new 2. ready 3. running
4. waiting 5. dead

2. What are two ways to create threads?

- Using the Thread Class
- Using the Runnable interface

Fill out the blanks with suitable words.

3. The **Thread.sleep** causes the current thread to (suspend execution) for a specified period
4. An (interrupt) is an indication to a thread that it should stop what it is doing and do something else.
5. The "**t.join()**" causes the current thread to (pause) execution until **ts** thread terminates.
6. If one thread invokes a synchronized method on an object, the (lock) of that object is first acquired, the method body executed, and then the lock released. Another thread invoking a (synchronized) on that same object will block until the lock is released
method