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Points 8

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Questions

☒ Show question details**Question**

1 pts

Mutex locks are used to implement \_\_\_\_\_.

- ☐ mutual exclusion
- ☐ synchronization
- ☐ atomicity
- ☐ none of the options

**Question**

1 pts

Condition Variables are used to implement \_\_\_\_\_ among different kind of threads/processes.

- ☐ synchronization
- ☐ mutual exclusion
- ☐ atomicity
- ☐ none of the options

**Question**

1 pts

semaphore can be of two types \_\_\_\_\_ and counting.

- ☐ binary
- ☐ binary semaphore

**Question**

1 pts

signaling/synchronization can be achieved by (pick all that apply)

- ☐ condition variables
- ☐ semaphore

- ☐ mutex lock
- ☐ flag variable

**Question****1 pts**

semaphore initialized with 1 means it will be used to implement \_\_\_\_\_.

Answer

- ☐ mutual exclusion
- ☐ synchronization
- ☐ atomicity
- ☐ none of the options

**Question****1 pts**

semaphore initialized with 0 means it will be used to implement \_\_\_\_.

Answer

- ☐ synchronization
- ☐ mutual exclusion
- ☐ atomicity
- ☐ none of the options

**Question****1 pts**

semaphore initialized with number N means it is \_\_\_\_\_ semaphore.

Answers

counting

**Question****1 pts**

signal() of condition variable may be lost, but the post() operation of semaphore will never be lost and memorized by the operating system.

Answer

- ☐ True
- ☐ False

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