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Question

1 pts

Multi-tasking and multi-programming both are the same techniques to achieve concurrency.

Answer

☐ True

☐ False

⋮

Question

1 pts

SIMD are special purpose super computers that can be categorized as

Answer

☐ Vector/Array Processors

☐ Multi-Processor

☐ Multi-computer

☐ Clusters

⋮

Question

1 pts

Multi-programming technique is preferred over multi-processing to implement client/server applications.

Answer

☐ True

☐ False

⋮

Question

1 pts

POSIX threads are by default joinable.

Answer

☐ True

☐ False

⋮

Question

1 pts

memory leak is a major issue with

answer

- ☐ Joinable Threads
- ☐ Detachable Threads

⋮ Question

1 pts

APIs that are used to implement mutual exclusion include (pick all that apply)?

answer

- ☐ lock
- ☐ signal
- ☐ wait
- ☐ unlock

answer

⋮ Question

1 pts

what technique(s) is(are) used to make a shared resource "thread-safe"

answer

- ☐ lock/unlock
- ☐ multi-processing
- ☐ race condition
- ☐ atomicity

answer

⋮ Question

1 pts

what technique is used to provide communication among dependent threads

answer

- ☐ condition variables
- ☐ atomicity
- ☐ race condition
- ☐ locks

⋮ Question

1 pts

The segment of code which is protected between lock() and unlock() call is called \_\_\_\_\_.

answers

critical section

Question

1 pts

\_\_\_\_\_ technique is used along with mutex lock to implement synchronization.


Answers

condition variables

semaphore

+ New question

+ New question group

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