HW2

Due No due date **Points** 1 **Questions** 7
Available Oct 1 at 12am - Oct 8 at 11:59pm 8 days **Time Limit** 120 Minutes
Allowed Attempts Unlimited

This quiz was locked Oct 8 at 11:59pm.

Attempt History

	Attempt	Time	Score
KEPT	Attempt 2	2 minutes	1 out of 1
LATEST	Attempt 2	2 minutes	1 out of 1
	Attempt 1	20 minutes	0.7 out of 1

Score for this attempt: **1** out of 1
Submitted Oct 1 at 9:34pm
This attempt took 2 minutes.

Question 1 — 0.2 / 0.2 pts

The four thread functions in the simple threads API are: thread_create , thread_yield , thread_join , and thread_exit . Just enter the function names.

Answer 1:

Correct! thread_create

Answer 2:

Correct! thread_yield

Answer 3:

Correct! thread_join

Answer 4:

Correct!

thread_exit

Question 2

0.05 / 0.05 pts

An alternate approach to threading is [1]-driven programming.

Correct!

- (•) event
- ( )
- ( )
- ( )

Question 3

0.35 / 0.35 pts

A thread's life cycle starts with [Init] state, then switch to [Ready] state when put in the ready list, then switched to [Running] state after being scheduled. At [Running] state, a thread may terminate and switch to [Finished] state, or suspend due to I/O and switch to [Waiting] state, or yield the CPU and entered into [Ready] state.

All states should start with Upper case for first letter.

Answer 1:

Correct! Init

Answer 2:

Correct! Ready

Answer 3:

Correct! Running

Answer 4:

Correct! Running

Answer 5:

Correct! Finished

Answer 6:

Correct! Waiting

Answer 7:

Correct! Ready

Question 4

0.2 / 0.2 pts

The three steps to create a thread include: allocate per-thread state, initiate per-thread state, and put TCB on ready list .

Answer 1:

Correct! allocate

Answer 2:

Correct! initiate

Answer 3:

Correct! TCB

Answer 4:

Correct! ready list

Question 5

0.1 / 0.1 pts

There are two types of kernel thread context switch: voluntary kernel thread context switch and involuntary kernel thread context switch.

Answer 1:

Correct! voluntary

Answer 2:

Correct! involuntary

Question 6

0.05 / 0.05 pts

A thread can delete itself when finished.

- True
- Correct! False

Question 7

0.05 / 0.05 pts

In a green thread, the kernel is aware of the state of user-level ready list.

- True
- False

Correct!

Quiz Score: **1** out of 1