ClassActivity4_part1

Due Sep 29 at 2:45p.m. **Points** 5 **Questions** 5
Available Sep 29 at 1p.m. - Sep 29 at 3p.m. 2 hours **Time Limit** None
Allowed Attempts 3

Instructions

This is the first part of the class activity associated with the lecture on threads. This is individual work.

Please submit before the deadline. No late submission is accepted.

For this activity, you are allowed three attempts, and it is not timed.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
KEPT	Attempt 2	less than 1 minute	5 out of 5
LATEST	Attempt 2	less than 1 minute	5 out of 5
	Attempt 1	2 minutes	3 out of 5

Score for this attempt: **5** out of 5
Submitted Sep 29 at 2p.m.
This attempt took less than 1 minute.

Question 1 — 1 / 1 pts

Assuming that `t` is a thread object, what does `t.join()` do?

- adds the thread to a pool

Correct!

- (selected) waits for the thread to finish
- merges two threads into one thread

Question 2

1 / 1 pts

You have installed Python using Anaconda. How many CPU cores will the Python `threading` module take advantage of simultaneously?

- whatever CPU core is available

Correct!

- (selected) one
- many
- none

Question 3

1 / 1 pts

Which is a good candidate to use if tasks spend much of their time performing computations (CPU-bound)? [assumed CPython]

- threading

Correct!

- (selected) multiprocessing

Question 4

1 / 1 pts

The entire Python program exits when no alive non-daemon threads are left. True or false?

Correct!

- (•) True
- ( ) False

Question 5

1 / 1 pts

Consider the Thread ID (TID). Which statement is not correct?

A: TID is assigned by the OS
B: It is a non-negative integer (when the thread is started)
C: It can be used to uniquely identify a thread system-wide
D: none of these answers

- ( ) A
- ( ) B
- ( ) C

Correct!

- (•) D

Quiz Score: **5** out of 5