Quiz 24

Due Jun 15 at 11:59pm   **Points** 4   **Questions** 4
Available until Jun 15 at 11:59pm   **Time Limit** None

Instructions

Answer the following questions.

This quiz is no longer available as the course has been concluded.

Attempt History

	Attempt	Time	Score
LATEST	[Attempt 1](#)	6 minutes	4 out of 4

Score for this quiz: **4** out of 4
Submitted Jun 15 at 11:28am
This attempt took 6 minutes.

Question 1	1 / 1 pts

A priority queue is a queue in which high priority items are closer to the tail of the queue.

○ True

Correct!   ● False

Question 2   1 / 1 pts

Heap binary trees are common data structures to implement priority queues.

○ True

Correct!

◉ False

we use an array or a vector

Question 3   1 / 1 pts

What heap function is used to push an item into a priority queue?

○ heapify

○ remove

Correct!

◉ insert

Question 4   1 / 1 pts

How can you implement peek function of priority queues?

○ Simply return the last leaf of the heap

Correct!

◉ Simply return the root of the heap

○ Heapification of the queue and returning its height

Quiz Score: **4** out of 4