

Priority Queue Exercises

Priority Queue

- Describe the priority queue data structure
- How are elements added to a priority queue, stored in it and removed from the queue?

Priority Queue Operations

- Give some examples of operations that can be performed on the C++ Standard priority queue
- Give some examples of operations that are not supported

Priority Queue Example

- Write a simple program that creates a priority queue object and adds some elements to it
- Print out as much information about the queue as you can
- Remove an element from the queue
- Now print out the information again

Priority Queue Applications

- Give an example of a programming problem where a priority queue would be useful