**Description:**

The program creates min and max priority queues. The <queue> header must be imported in order to implement queues. The unsorted elements are displayed to remind what they were originally set as. Both priority queues use the same elements that are pushed in the same order. By default, the STL priority queue is maximum with the top function referring to the largest element in the queue. To implement a min priority queue, the type template, greater<int> can be used for comparison. Loops for both queues are used print out all the elements starting from the top until there are no more elements left.

For help, cplusplus.com was used to learn the code and functions necessary to perform the task.

**Output Example:**

The unsorted elements are: 6 4 5 7

Max priority queue: 7 6 5 4

Min priority queue: 4 5 6 7