Assignment 3- FAQ

Can BPQueue contain duplicate elements?

Yes, BPQueue may contain duplicate elements. Thus your implementation must support the case in which two elements have the exact same indexes and values.

Can we assume SPListElement contains non-negative index and value?

Yes, you may assume SPListElement will store only non-negative indexes and values. Thus you can use this fact when implementing spBPQueueMinValue and spBPQueueMaxValue.

Can we use assertion in the implementation of BPQueue?

You may use assertion only in the following functions:

spBPQueueIsEmpty, spBPQueueIsFull