IBN19CS167

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## WEEK 6

Priority Queue Implementation.

data = element to be inserted    itemcount = position/index of array

· Enqueue operation.
→ Check if queue isfull    ⇒ isfull()
→ for first element itemcount = 0
→ initialize a for loop and check if data > array [itemcount]
   if true & array [itemcount] = data and array [item count+1] = previous element present


· Dequeue operation
→ Check if queue is Empty  ⇒ isempty()
→ Peek function returns the top element
     Dequeue function =) array [--itemcount]


The array is sorted in descending order.