Priority Queues [PQ] Supports operations such as Insert, Doleteklin and Delete Max [returns & removes the maxi-mum element], decreasekey [very rare] Used to find maninum/max element among a collection of elements. enter the grene may not be the same in which they were processed. ead of seawing in first come first serve. o Also called an Ascending PQ, if the item with the smallest key has the highest priority (i.e., delete smallest alement always).

o Also called descending PQ, if item with largest key has the highest priority (delete max element always). Operations i) Insert (Key, data) - Inserts data with key to PB. tlements are ordered based on key



