

## HABIB UNIVERSITY

## **Data Structures & Algorithms**

CS/CE 102/171 Spring 2023 Instructor: Maria Samad

## **Priority Queue Operations**

Operation	Return Value	<b>Unsorted Priority Queue Contents</b>	<b>Sorted Priority Queue Contents</b>
P.add(5, A)			
P.add(9, C)			
P.add(3, B)			
P.add(7, D)			
P.min()			
P.remove_min()			
P.remove_min()			
len(P)			
P.remove_min()			
P.remove_min()			
P.is_empty()			
P.remove_min()			