Priority Queue

Define "what is priority queue". How is it different from the normal queue.

Suppose we have to design an OS where it maintains a queue of processes and executes processes on the basis of priority. A number known as priority is attached with every process. Highest number indicates highest priority. Processes keep coming and OS executes them one by one. **Write an interactive program** where it will ask user whether it wants to insert an element or delete an element. Implement this where priority queue is implemented using unsorted list.

Note:- Deadline for submission is **January 27, 2024 till 05:00PM**.