Priority Queue 2018년 5월 20일 일요일 오후 1:06 - 乌선与701 处是录

- Key-Value Pair (KVP)

P. add (5, (A) [(5, A)]

P. add (9, C) [(5,A), (9,C)]

P. add (3, B) [(5,A), (9,C), (3,B)]

- · Sequence Based Priority Queue
- a unsorted

4-5-2-3-1 1-2-3-4-5

- add of an O(1) - add of an O(n)

Sorting

Value = Key 2 Noor Paon add ==) unsorted: O(n), sorted: O(n2) Part thoughthe not remove-min Ect.) unsorted: O(n2), sorted: O(n)

- · Selection Sort
- Unsorted & implementation on Sorting orang selection sort.
- $\bigcirc (n^2)$

$$\begin{bmatrix}
0,4,8,2,5,3,9 \\
0,4,8,2,5,3,9
\end{bmatrix}$$

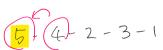
$$\begin{bmatrix}
0,4,8,2,5,3,9
\end{bmatrix}$$

$$\begin{bmatrix}
0,4,8,2,5,3,9
\end{bmatrix}$$

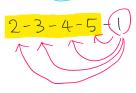
$$\begin{bmatrix}
0,4,8,2,5,3,9
\end{bmatrix}$$

- · Insertion sort
- Sorted 2 implementation on sorting ortize insertion sort.
- O(n2)

· In-place Insertion Sout







1-2-3-4-5