



q) [Create a player class
 \downarrow
 name, ranking, age
]

(PS) \rightarrow sort ranking index ascending

- - - n/a operations

Complexity of PQ operations

- ⇒ PQ. peek() $\rightarrow O(1)$
- ⇒ PQ. poll() $\rightarrow O(\log n)$
- ⇒ PQ. add() $\rightarrow O(\log n)$

