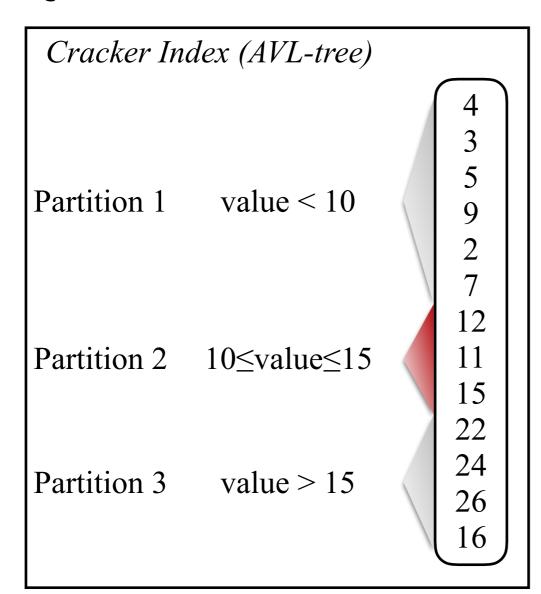
## **Initial State**

## Q1: select A from R where 10≤A≤15

## **Q2:** select A from R where $5 \le A \le 17$

A
$\left(12\right)$
3
5
9
15
22
7
26
4
2
24
11
$\lfloor 16 \rfloor$



Cracker In	dex (AVL-tree)	
Partition 1	value < 5	$\begin{pmatrix} 4 \\ 3 \\ 2 \end{pmatrix}$
Partition 2	5≤value<10	5 7 9
Partition 3	10≤value≤15	12 11 15
Partition 4	15 <value≤17< th=""><th>16 24</th></value≤17<>	16 24
Partition 5	value > 17	26 22