> Linear Sparch 3) interpolation search of (ternary south) - 1 Adv  $\{1, 5, (8), 10, 11, 12\}$ Key -, indx (3)
{1,5,10,11,12,93 traverse

Linear Scarch -> Acc O(1) - wm = {1,5,8,10,11,12} -> get O(1) - wm = {1,5,8,10,11,12} if (key = = : am(i)) Sean(4) for ( 1:0-) (h)  $\left| \bigcirc \left( n \right) \right|$ Luturni  $\mathcal{O}(1)$ Lihear Search

Birdy Search ([Search space]
should be should be solted) [(Sey van Root) if
Li Recursive - solted) [first occurring] make problim smaller untill you reach to the solf Bonary Search: Divide and conquer () Complexity / concept [] detionary (Window)  $\begin{array}{c|c}
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