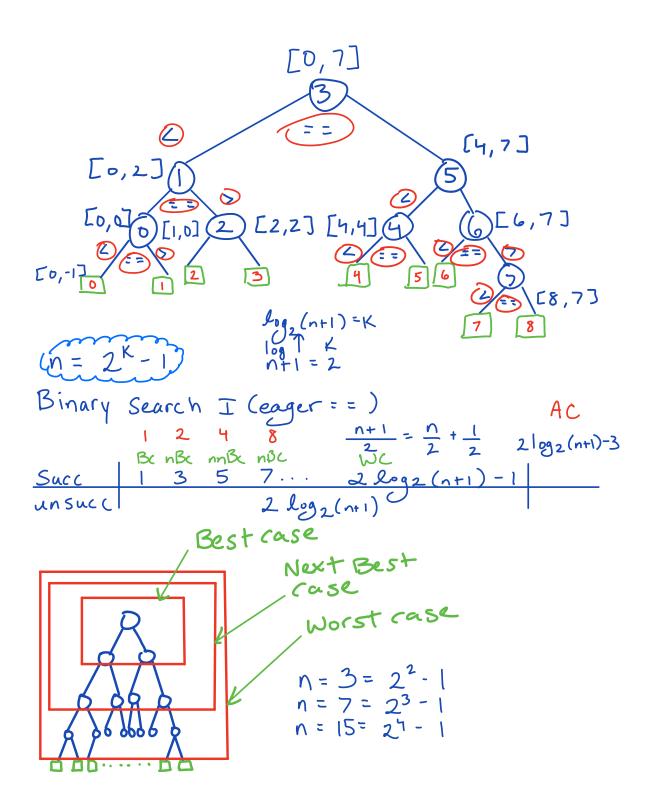
```
I. Ordered collection using seguential search
II. ordered coll. (7) Modified Seg search
   M. Seq. S. I. -> eagerly checks for match == II. -> checks for unsucc Z
                III. -> eagerly advancing >
        mid Index - 1 mid Index + 1
mid Index
        [6,7] 3
   int high = coll size -1
  While (low Bhigh) // range is not empty
   S mid Index = Low + High
     if ( key == midkey)
        Stop (succ, mid Index)
     else if (Key Emid Key)
         high = mid Index -1
         low = mid Index + 1
   Stop (unsucc, Pos?)
```



Binary Search I while (low 2 high)
(mid Index = low + high

if (key > mid key)

low = mid Index + 1 if (Key == (urr Key) Stop (Succ, pos?) else Stop (un succ, pos?) [0,7] int Search

(succ, pos) → [o, size-1] (unsucc, pos) → [o, size] mid Index - 1 mid Index + mid Index + mid Index + 1 mid In