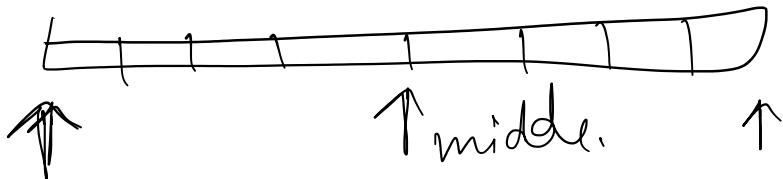


# Binary search

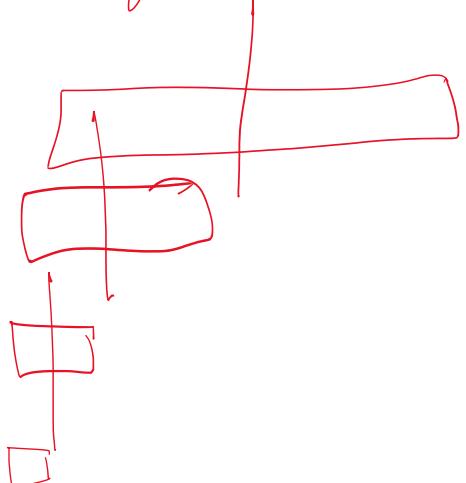
$x = 5$  search



- ① pointers `low, high`
- ② calculate `middle`.
- ③ compare
- ④ Reduce search area

① Base:  $low \leq high$

② Recursive Step



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