```
input [1,1,1,2,1] tanget 2. expected output: true
 left mid right
                        Mid = = (0+4) = 2
 [1, 1, 1, 2, 1]
                       nums [mid] = nums [left] = nums [right]
                          left = 0+1 = 1
  left mid right
                       mid = (1+4) = 2
[1,1,1,2,1]
                       Nums [mid] = nums [left] = nums [right]
                         left = 1+1 = 2
    left right
                        mid = \frac{1}{2}(2+4) = 3
[ 1, 1, 1, 2, 1]
                       nums [mid] = target
                          return true
```